

TIMSS 2003 Electronic Codebook

Variable Name : IDCNTRY *Country ID*
Record Number : 1
Position : 1-5
Format : N5.0
Comment : Identification Variable

Response	Codes Percent	Unweighted Frequency	
United States	840	8,912	100.0
		8,912	100.0%

Variable Name : IDPOP *Population ID*
Record Number : 1
Position : 6-6
Format : N1.0
Comment : Identification Variable

Response	Codes Percent	Unweighted Frequency	
TIMSS population 1	1	0	0.0
TIMSS population 2	2	8,912	100.0
TIMSS population 3	3	0	0.0
		8,912	100.0%

Variable Name : IDSCHOOL *School ID*
Record Number : 1
Position : 7-10
Format : N4.0
Comment : Identification Variable

Response	Codes Percent	Unweighted Frequency	
1001-3301		8,912	100.0
		8,912	100.0%

Variable Name : IDCLASS *Class ID*
Record Number : 1
Position : 11-16
Format : N6.0
Comment : Identification Variable

Response	Codes Percent	Unweighted Frequency	
100103-330102		8,912	100.0
		8,912	100.0%

Variable Name : IDSTUD *Student ID*
 Record Number : 1
 Position : 17-24
 Format : N8.0
 Comment : Identification Variable

Response	Codes Percent	Unweighted Frequency	
10010301-33010213		8,912	100.0
		8,912	100.0%

Variable Name : IDBOOK *Booklet ID*
 Record Number : 1
 Position : 25-26
 Format : N2.0
 Comment : Identification Variable

Response	Codes Percent	Unweighted Frequency	
No booklet was assigned	0	0	0.0
Booklet 1	1	757	8.5
Booklet 2	2	740	8.3
Booklet 3	3	740	8.3
Booklet 4	4	732	8.2
Booklet 5	5	749	8.4
Booklet 6	6	755	8.5
Booklet 7	7	728	8.2
Booklet 8	8	749	8.4
Booklet 9	9	741	8.3
Booklet 10	10	746	8.4
Booklet 11	11	753	8.5
Booklet 12	12	722	8.1
		8,912	100.0%

Variable Name : IDSCORA *Achievement Scorer*
 Record Number : 1
 Position : 27-29
 Format : N3.0
 Comment : Identification Variable

Response	Codes Percent	Unweighted Frequency	
100-410		8,910	100.0
Not administered	998	0	0.0
Omitted	999	2	0.0
		8,912	100.0%

Variable Name : IDGRADE *Grade*
 Record Number : 1
 Position : 30-31
 Format : N2.0
 Comment : Identification Variable

Response	Codes Percent	Unweighted Frequency	
Grade 8	8	8,912	100.0
		8,912	100.0%

Variable Name : IDGRADER *Standardized Grade ID*
 Record Number : 1
 Position : 32-32
 Format : N1.0
 Comment : Identification Variable

Response	Codes Percent	Unweighted Frequency	
Lower grade	1	0	0.0
Upper grade	2	8,912	100.0
		8,912	100.0%

Variable Name : IDSTRATE *Explicit Stratum Code*
 Record Number : 1
 Position : 33-35
 Format : N3.0
 Comment : Identification Variable

Response	Codes Percent	Unweighted Frequency	
3	3	8,912	100.0
		8,912	100.0%

Variable Name : IDSTRATI *Implicit Stratum Code*
 Record Number : 1
 Position : 36-38
 Format : N3.0
 Comment : Identification Variable

Response	Codes Percent	Unweighted Frequency	
1-128		8,912	100.0
		8,912	100.0%

Variable Name : ITSEX *Sex of Students*
 Record Number : 1
 Position : 39-39
 Format : N1.0
 Comment : Identification Variable

Response	Codes Percent	Unweighted Frequency	
Girl	1	4,629	51.9
Boy	2	4,283	48.1
Not administered	8	0	0.0
Omitted	9	0	0.0
		8,912	100.0%

Variable Name : ITLANG *Language of Testing*
 Record Number : 1
 Position : 40-40
 Format : N1.0
 Comment : Identification Variable

Response	Codes Percent	Unweighted Frequency	
English	1	8,912	100.0
		8,912	100.0%

Variable Name : ITBIRTHM *Date of Students Birth\Month*
 Record Number : 1
 Position : 41-42
 Format : N2.0
 Comment : Identification Variable

Response	Codes Percent	Unweighted Frequency	
January	1	719	8.1
February	2	644	7.2
March	3	773	8.7
April	4	729	8.2
May	5	762	8.6
June	6	805	9.0
July	7	793	8.9
August	8	794	8.9
September	9	752	8.4
October	10	750	8.4
November	11	695	7.8
December	12	693	7.8
Not administered	98	0	0.0
Omitted	99	3	0.0
		8,912	100.0%

Variable Name : ITBIRTHY *Date of Students Birth\Year*
 Record Number : 1
 Position : 43-44
 Format : N2.0
 Comment : Identification Variable

Response	Codes Percent	Unweighted Frequency	
1986	86	12	0.1
1987	87	169	1.9
1988	88	3,010	33.8
1989	89	5,689	63.8
1990	90	31	0.4
1991	91	1	0.0
Not administered	98	0	0.0
Omitted	99	0	0.0
		8,912	100.0%

Variable Name : BSDAGE *Students Age*
 Record Number : 1
 Position : 45-49
 Format : N5.2
 Comment : Identification Variable

Response	Codes Percent	Unweighted Frequency	
12.08-17.17		8,909	100.0
Not administered	98	0	0.0
Omitted	99	3	0.0
		8,912	100.0%

Variable Name : ILRELIAB *Reliability Coding Status*
 Record Number : 1
 Position : 50-50
 Format : N1.0
 Comment : Identification Variable

Response	Codes Percent	Unweighted Frequency	
Student's booklet not used for R-scoring	0	6,688	75.0
Student's booklet was used for R-scoring	1	2,224	25.0
Not administered	8	0	0.0
Omitted	9	0	0.0
		8,912	100.0%

Variable Name : INTMS03 *In 2003 Assessment Population*
Record Number : 1
Position : 51-51
Format : N1.0
Comment : Identification Variable

Response	Codes Percent	Unweighted Frequency	
0	0	0	0.0
1	1	8,912	100.0
		8,912	100.0%

Variable Name : INTMS99 *In 1999 and 2003 Assessment Population*
Record Number : 1
Position : 52-52
Format : N1.0
Comment : Identification Variable

Response	Codes Percent	Unweighted Frequency	
0	0	0	0.0
1	1	8,912	100.0
		8,912	100.0%

Variable Name : INTMS95 *In 1995, 1999, and 2003 Assessment Populations*
Record Number : 1
Position : 53-53
Format : N1.0
Comment : Identification Variable

Response	Codes Percent	Unweighted Frequency	
0	0	0	0.0
1	1	8,912	100.0
		8,912	100.0%

Did you have a calculator to use on this test?

Variable Name : BSBGCAL1 Calculator Survey
Record Number : 1
Position : 54-54
Format : N1.0
Comment : Calculator Variable

Response	Codes Percent	Unweighted Frequency	
A	1	7,415	83.2
B	2	416	4.7
Missing	6	0	0.0
Invalid	7	0	0.0
Not administered	8	0	0.0
Omitted	9	1,081	12.1
		8,912	100.0%

If you did have a calculator to use, how often did you use it?

Variable Name : BSBGCAL2 Calculator Survey
Record Number : 1
Position : 55-55
Format : N1.0
Comment : Calculator Variable

Response	Codes Percent	Unweighted Frequency	
A	1	1,152	12.9
B	2	4,670	52.4
C	3	1,728	19.4
D	4	216	2.4
Missing	6	0	0.0
Invalid	7	0	0.0
Not administered	8	0	0.0
Omitted	9	1,146	12.9
		8,912	100.0%

Variable Name : M012001 Number of Squares In Shaded Fraction (A)
Record Number : 1
Position : 56-56
Format : N1.0
Comment : M01 01: Number\Using Concepts (T)

Response	Codes Percent	Unweighted Frequency	
A	1	915	10.3
B	2	54	0.6
C	3	105	1.2
D	4	154	1.7
E	5	270	3.0
Missing	6	1	0.0
Invalid	7	0	0.0
Not administered	8	7,406	83.1
Omitted	9	7	0.1
		8,912	100.0%

Variable Name : MF12001 Number of Squares In Shaded Fraction (A)
 Record Number : 1
 Position : 57-57
 Format : N1.0
 Comment : M01 01: Number\Using Concepts (T)

Response	Codes Percent	Unweighted Frequency	
A	1	469	5.3
B	2	29	0.3
C	3	48	0.5
D	4	64	0.7
E	5	105	1.2
Missing	6	3	0.0
Invalid	7	0	0.0
Not administered	8	8,194	91.9
Omitted	9	0	0.0
		8,912	100.0%

Variable Name : M012002 Objects Balanced On Scale (C)
 Record Number : 1
 Position : 58-58
 Format : N1.0
 Comment : M01 02: Algebra\Using Concepts (T)

Response	Codes Percent	Unweighted Frequency	
A	1	105	1.2
B	2	238	2.7
C	3	1,107	12.4
D	4	46	0.5
Missing	6	4	0.0
Invalid	7	0	0.0
Not administered	8	7,406	83.1
Omitted	9	6	0.1
		8,912	100.0%

Variable Name : MF12002 Objects Balanced On Scale (C)
 Record Number : 1
 Position : 59-59
 Format : N1.0
 Comment : M01 02: Algebra\Using Concepts (T)

Response	Codes Percent	Unweighted Frequency	
A	1	40	0.5
B	2	112	1.3
C	3	520	5.8
D	4	40	0.5
Missing	6	3	0.0
Invalid	7	0	0.0
Not administered	8	8,194	91.9
Omitted	9	3	0.0
		8,912	100.0%

Variable Name : M012003 Actual Length of Box From Rounded Me (D)
Record Number : 1
Position : 60-60
Format : N1.0
Comment : M01 03: Measurement\Knowing Facts and Procedures (T)

Response	Codes Percent	Unweighted Frequency	
A	1	246	2.8
B	2	142	1.6
C	3	95	1.1
D	4	1,015	11.4
Missing	6	4	0.0
Invalid	7	0	0.0
Not administered	8	7,406	83.1
Omitted	9	4	0.0
		8,912	100.0%

Variable Name : MF12003 Actual Length of Box From Rounded Me (D)
Record Number : 1
Position : 61-61
Format : N1.0
Comment : M01 03: Measurement\Knowing Facts and Procedures (T)

Response	Codes Percent	Unweighted Frequency	
A	1	112	1.3
B	2	75	0.8
C	3	49	0.6
D	4	475	5.3
Missing	6	3	0.0
Invalid	7	1	0.0
Not administered	8	8,194	91.9
Omitted	9	3	0.0
		8,912	100.0%

Variable Name : M012004 Laps Run By Carol And Alice Fr Ratio (D)
Record Number : 1
Position : 62-62
Format : N1.0
Comment : M01 04: Number\Solving Routine Problems (T)

Response	Codes Percent	Unweighted Frequency	
A	1	169	1.9
B	2	114	1.3
C	3	497	5.6
D	4	719	8.1
Missing	6	4	0.0
Invalid	7	0	0.0
Not administered	8	7,406	83.1
Omitted	9	3	0.0
		8,912	100.0%

Variable Name : MF12004 Laps Run By Carol And Alice Fr Ratio (D)
Record Number : 1
Position : 63-63
Format : N1.0
Comment : M01 04: Number\Solving Routine Problems (T)

Response	Codes Percent	Unweighted Frequency	
A	1	103	1.2
B	2	65	0.7
C	3	202	2.3
D	4	342	3.8
Missing	6	5	0.1
Invalid	7	0	0.0
Not administered	8	8,194	91.9
Omitted	9	1	0.0
		8,912	100.0%

Variable Name : M012005 False Statem of Congruent Triangles (B)
Record Number : 1
Position : 64-64
Format : N1.0
Comment : M01 05: Geometry\Using Concepts (T)

Response	Codes Percent	Unweighted Frequency	
A	1	149	1.7
B	2	847	9.5
C	3	287	3.2
D	4	207	2.3
Missing	6	5	0.1
Invalid	7	2	0.0
Not administered	8	7,406	83.1
Omitted	9	9	0.1
		8,912	100.0%

Variable Name : MF12005 False Statem of Congruent Triangles (B)
Record Number : 1
Position : 65-65
Format : N1.0
Comment : M01 05: Geometry\Using Concepts (T)

Response	Codes Percent	Unweighted Frequency	
A	1	84	0.9
B	2	364	4.1
C	3	156	1.8
D	4	103	1.2
Missing	6	5	0.1
Invalid	7	0	0.0
Not administered	8	8,194	91.9
Omitted	9	6	0.1
		8,912	100.0%

Variable Name : M012006 Comparison of Two Average Scores (C)
Record Number : 1
Position : 66-66
Format : N1.0
Comment : M01 06: Data\Using Concepts (T)

Response	Codes Percent	Unweighted Frequency	
A	1	37	0.4
B	2	92	1.0
C	3	1,114	12.5
D	4	111	1.3
E	5	140	1.6
Missing	6	5	0.1
Invalid	7	0	0.0
Not administered	8	7,406	83.1
Omitted	9	7	0.1
		8,912	100.0%

Variable Name : MF12006 Comparison of Two Average Scores (C)
Record Number : 1
Position : 67-67
Format : N1.0
Comment : M01 06: Data\Using Concepts (T)

Response	Codes Percent	Unweighted Frequency	
A	1	32	0.4
B	2	41	0.5
C	3	467	5.2
D	4	65	0.7
E	5	95	1.1
Missing	6	8	0.1
Invalid	7	0	0.0
Not administered	8	8,194	91.9
Omitted	9	10	0.1
		8,912	100.0%

Variable Name : M012037 Test Score Frequency Table (B)
Record Number : 1
Position : 68-68
Format : N1.0
Comment : M01 07: Data\Reasoning (T)

Response	Codes Percent	Unweighted Frequency	
A	1	208	2.3
B	2	980	11.0
C	3	273	3.1
D	4	13	0.2
E	5	18	0.2
Missing	6	6	0.1
Invalid	7	0	0.0
Not administered	8	7,406	83.1
Omitted	9	8	0.1
		8,912	100.0%

Variable Name : MF12037 Test Score Frequency Table (B)
 Record Number : 1
 Position : 69-69
 Format : N1.0
 Comment : M01 07: Data\Reasoning (T)

Response	Codes Percent	Unweighted Frequency	
A	1	108	1.2
B	2	413	4.6
C	3	138	1.6
D	4	21	0.2
E	5	18	0.2
Missing	6	11	0.1
Invalid	7	0	0.0
Not administered	8	8,194	91.9
Omitted	9	9	0.1
		8,912	100.0%

Variable Name : M012038 Length of Pipe From Meter Scale (C)
 Record Number : 1
 Position : 70-70
 Format : N1.0
 Comment : M01 08: Measurement\Knowing Facts and Procedures (T)

Response	Codes Percent	Unweighted Frequency	
A	1	75	0.8
B	2	73	0.8
C	3	1,112	12.5
D	4	237	2.7
Missing	6	6	0.1
Invalid	7	0	0.0
Not administered	8	7,406	83.1
Omitted	9	3	0.0
		8,912	100.0%

Variable Name : MF12038 Length of Pipe From Meter Scale (C)
 Record Number : 1
 Position : 71-71
 Format : N1.0
 Comment : M01 08: Measurement\Knowing Facts and Procedures (T)

Response	Codes Percent	Unweighted Frequency	
A	1	32	0.4
B	2	50	0.6
C	3	482	5.4
D	4	133	1.5
Missing	6	14	0.2
Invalid	7	0	0.0
Not administered	8	8,194	91.9
Omitted	9	7	0.1
		8,912	100.0%

Variable Name : M012039 Sum of Angles Fr Intersecting Lines (C)
 Record Number : 1
 Position : 72-72
 Format : N1.0
 Comment : M01 09: Geometry\Solving Routine Problems (T)

Response	Codes Percent	Unweighted Frequency	
A	1	97	1.1
B	2	421	4.7
C	3	704	7.9
D	4	171	1.9
E	5	96	1.1
Missing	6	6	0.1
Invalid	7	0	0.0
Not administered	8	7,406	83.1
Omitted	9	11	0.1
		8,912	100.0%

Variable Name : MF12039 Sum of Angles Fr Intersecting Lines (C)
 Record Number : 1
 Position : 73-73
 Format : N1.0
 Comment : M01 09: Geometry\Solving Routine Problems (T)

Response	Codes Percent	Unweighted Frequency	
A	1	40	0.5
B	2	188	2.1
C	3	328	3.7
D	4	96	1.1
E	5	37	0.4
Missing	6	18	0.2
Invalid	7	0	0.0
Not administered	8	8,194	91.9
Omitted	9	11	0.1
		8,912	100.0%

Variable Name : M012040 Find N From Proportionality Equation (B)
 Record Number : 1
 Position : 74-74
 Format : N1.0
 Comment : M01 10: Algebra\Knowing Facts and Procedures (T)

Response	Codes Percent	Unweighted Frequency	
A	1	124	1.4
B	2	1,198	13.4
C	3	75	0.8
D	4	87	1.0
Missing	6	7	0.1
Invalid	7	0	0.0
Not administered	8	7,406	83.1
Omitted	9	15	0.2
		8,912	100.0%

Variable Name : MF12040 Find N From Proportionality Equation (B)
 Record Number : 1
 Position : 75-75
 Format : N1.0
 Comment : M01 10: Algebra\Knowing Facts and Procedures (T)

Response	Codes Percent	Unweighted Frequency	
A	1	56	0.6
B	2	553	6.2
C	3	45	0.5
D	4	33	0.4
Missing	6	21	0.2
Invalid	7	0	0.0
Not administered	8	8,194	91.9
Omitted	9	10	0.1
		8,912	100.0%

Variable Name : M012041 Fraction Birthd I First Half of Year (D)
 Record Number : 1
 Position : 76-76
 Format : N1.0
 Comment : M01 11: Number\Solving Routine Problems (T)

Response	Codes Percent	Unweighted Frequency	
A	1	47	0.5
B	2	105	1.2
C	3	244	2.7
D	4	1,083	12.2
E	5	8	0.1
Missing	6	7	0.1
Invalid	7	0	0.0
Not administered	8	7,406	83.1
Omitted	9	12	0.1
		8,912	100.0%

Variable Name : MF12041 Fraction Birthd I First Half of Year (D)
 Record Number : 1
 Position : 77-77
 Format : N1.0
 Comment : M01 11: Number\Solving Routine Problems (T)

Response	Codes Percent	Unweighted Frequency	
A	1	27	0.3
B	2	72	0.8
C	3	119	1.3
D	4	462	5.2
E	5	5	0.1
Missing	6	25	0.3
Invalid	7	0	0.0
Not administered	8	8,194	91.9
Omitted	9	8	0.1
		8,912	100.0%

Variable Name : M012042 Value of -3X Given Value of X (E)
 Record Number : 1
 Position : 78-78
 Format : N1.0
 Comment : M01 12: Algebra\Knowing Facts and Procedures (T)

Response	Codes Percent	Unweighted Frequency	
A	1	249	2.8
B	2	107	1.2
C	3	54	0.6
D	4	82	0.9
E	5	999	11.2
Missing	6	7	0.1
Invalid	7	0	0.0
Not administered	8	7,406	83.1
Omitted	9	8	0.1
		8,912	100.0%

Variable Name : MF12042 Value of -3X Given Value of X (E)
 Record Number : 1
 Position : 79-79
 Format : N1.0
 Comment : M01 12: Algebra\Knowing Facts and Procedures (T)

Response	Codes Percent	Unweighted Frequency	
A	1	93	1.0
B	2	50	0.6
C	3	40	0.5
D	4	49	0.6
E	5	449	5.0
Missing	6	28	0.3
Invalid	7	0	0.0
Not administered	8	8,194	91.9
Omitted	9	9	0.1
		8,912	100.0%

Variable Name : M032570 3/25 of The P In The Audice Was Chil (A)
 Record Number : 1
 Position : 80-80
 Format : N1.0
 Comment : M01 13: Number\Using Concepts

Response	Codes Percent	Unweighted Frequency	
A	1	1,066	12.0
B	2	198	2.2
C	3	83	0.9
D	4	134	1.5
Missing	6	7	0.1
Invalid	7	0	0.0
Not administered	8	7,406	83.1
Omitted	9	18	0.2
		8,912	100.0%

Variable Name : MF32570 3/25 of The P In The Audice Was Chil (A)
 Record Number : 1
 Position : 81-81
 Format : N1.0
 Comment : M01 13: Number\Using Concepts

Response	Codes Percent	Unweighted Frequency	
A	1	468	5.3
B	2	100	1.1
C	3	48	0.5
D	4	61	0.7
Missing	6	29	0.3
Invalid	7	1	0.0
Not administered	8	8,194	91.9
Omitted	9	11	0.1
		8,912	100.0%

Variable Name : M032643 If N Is A Negative Integer (C)
 Record Number : 1
 Position : 82-82
 Format : N1.0
 Comment : M01 14: Number\Using Concepts

Response	Codes Percent	Unweighted Frequency	
A	1	214	2.4
B	2	421	4.7
C	3	722	8.1
D	4	122	1.4
Missing	6	8	0.1
Invalid	7	1	0.0
Not administered	8	7,406	83.1
Omitted	9	18	0.2
		8,912	100.0%

Variable Name : MF32643 If N Is A Negative Integer (C)
 Record Number : 1
 Position : 83-83
 Format : N1.0
 Comment : M01 14: Number\Using Concepts

Response	Codes Percent	Unweighted Frequency	
A	1	103	1.2
B	2	181	2.0
C	3	330	3.7
D	4	55	0.6
Missing	6	35	0.4
Invalid	7	0	0.0
Not administered	8	8,194	91.9
Omitted	9	14	0.2
		8,912	100.0%

Variable Name : M032693 The Angle By A Regular Hexagon (1)
Record Number : 1
Position : 84-85
Format : N2.0
Comment : M01 15: Geometry\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	302	3.4
70 - Incorrect response	70	21	0.2
79 - Incorrect response	79	1,076	12.1
Missing	96	10	0.1
Not administered	98	7,406	83.1
Omitted	99	97	1.1
		8,912	100.0%

Variable Name : MF32693 The Angle By A Regular Hexagon (1)
Record Number : 1
Position : 86-87
Format : N2.0
Comment : M01 15: Geometry\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	150	1.7
70 - Incorrect response	70	13	0.2
79 - Incorrect response	79	488	5.5
Missing	96	38	0.4
Not administered	98	8,194	91.9
Omitted	99	29	0.3
		8,912	100.0%

Variable Name : M012013 Volumes of Stacks of Blocks (A)
Record Number : 1
Position : 88-88
Format : N1.0
Comment : M02 01: Measurement\Using Concepts (T)

Response	Codes Percent	Unweighted Frequency	
A	1	740	8.3
B	2	390	4.4
C	3	230	2.6
D	4	112	1.3
Missing	6	1	0.0
Invalid	7	2	0.0
Not administered	8	7,424	83.3
Omitted	9	13	0.2
		8,912	100.0%

Variable Name : MF12013 Volumes of Stacks of Blocks (A)
Record Number : 1
Position : 89-89
Format : N1.0
Comment : M02 01: Measurement\Using Concepts (T)

Response	Codes Percent	Unweighted Frequency	
A	1	372	4.2
B	2	179	2.0
C	3	116	1.3
D	4	67	0.8
Missing	6	9	0.1
Invalid	7	1	0.0
Not administered	8	8,163	91.6
Omitted	9	5	0.1
		8,912	100.0%

Variable Name : M012014 Pie Graph of Crop Distribution (D)
Record Number : 1
Position : 90-90
Format : N1.0
Comment : M02 02: Data\Using Concepts (T)

Response	Codes Percent	Unweighted Frequency	
A	1	10	0.1
B	2	147	1.7
C	3	118	1.3
D	4	1,204	13.5
Missing	6	1	0.0
Invalid	7	1	0.0
Not administered	8	7,424	83.3
Omitted	9	7	0.1
		8,912	100.0%

Variable Name : MF12014 Pie Graph of Crop Distribution (D)
Record Number : 1
Position : 91-91
Format : N1.0
Comment : M02 02: Data\Using Concepts (T)

Response	Codes Percent	Unweighted Frequency	
A	1	10	0.1
B	2	102	1.1
C	3	47	0.5
D	4	573	6.4
Missing	6	10	0.1
Invalid	7	0	0.0
Not administered	8	8,163	91.6
Omitted	9	7	0.1
		8,912	100.0%

Variable Name : M012015 Property of Congruent Trapezoids (A)
 Record Number : 1
 Position : 92-92
 Format : N1.0
 Comment : M02 03: Geometry\Reasoning (T)

Response	Codes Percent	Unweighted Frequency	
A	1	1,032	11.6
B	2	91	1.0
C	3	170	1.9
D	4	90	1.0
E	5	95	1.1
Missing	6	1	0.0
Invalid	7	0	0.0
Not administered	8	7,424	83.3
Omitted	9	9	0.1
		8,912	100.0%

Variable Name : MF12015 Property of Congruent Trapezoids (A)
 Record Number : 1
 Position : 93-93
 Format : N1.0
 Comment : M02 03: Geometry\Reasoning (T)

Response	Codes Percent	Unweighted Frequency	
A	1	474	5.3
B	2	43	0.5
C	3	96	1.1
D	4	57	0.6
E	5	52	0.6
Missing	6	11	0.1
Invalid	7	0	0.0
Not administered	8	8,163	91.6
Omitted	9	16	0.2
		8,912	100.0%

Variable Name : M012016 Pair of Numbers Bracketing 2.25 (B)
 Record Number : 1
 Position : 94-94
 Format : N1.0
 Comment : M02 04: Number\Knowing Facts and Procedures (T)

Response	Codes Percent	Unweighted Frequency	
A	1	84	0.9
B	2	805	9.0
C	3	317	3.6
D	4	259	2.9
Missing	6	1	0.0
Invalid	7	0	0.0
Not administered	8	7,424	83.3
Omitted	9	22	0.3
		8,912	100.0%

Variable Name : MF12016 Pair of Numbers Bracketing 2.25 (B)
Record Number : 1
Position : 95-95
Format : N1.0
Comment : M02 04: Number\Knowing Facts and Procedures (T)

Response	Codes Percent	Unweighted Frequency	
A	1	40	0.5
B	2	374	4.2
C	3	171	1.9
D	4	125	1.4
Missing	6	17	0.2
Invalid	7	0	0.0
Not administered	8	8,163	91.6
Omitted	9	22	0.3
		8,912	100.0%

Variable Name : M012017 Nr of Matchsticks Continuing Pattern (B)
Record Number : 1
Position : 96-96
Format : N1.0
Comment : M02 05: Algebra\Reasoning (T)

Response	Codes Percent	Unweighted Frequency	
A	1	243	2.7
B	2	827	9.3
C	3	151	1.7
D	4	56	0.6
E	5	197	2.2
Missing	6	1	0.0
Invalid	7	0	0.0
Not administered	8	7,424	83.3
Omitted	9	13	0.2
		8,912	100.0%

Variable Name : MF12017 Nr of Matchsticks Continuing Pattern (B)
Record Number : 1
Position : 97-97
Format : N1.0
Comment : M02 05: Algebra\Reasoning (T)

Response	Codes Percent	Unweighted Frequency	
A	1	108	1.2
B	2	381	4.3
C	3	99	1.1
D	4	35	0.4
E	5	89	1.0
Missing	6	20	0.2
Invalid	7	1	0.0
Not administered	8	8,163	91.6
Omitted	9	16	0.2
		8,912	100.0%

Variable Name : M022251 Totl Number of Books Three Boys Have (C)
Record Number : 1
Position : 98-98
Format : N1.0
Comment : M02 06: Algebra\Using Concepts (T)

Response	Codes Percent	Unweighted Frequency	
A	1	744	8.4
B	2	144	1.6
C	3	385	4.3
D	4	69	0.8
E	5	125	1.4
Missing	6	1	0.0
Invalid	7	2	0.0
Not administered	8	7,424	83.3
Omitted	9	18	0.2
		8,912	100.0%

Variable Name : MF22251 Totl Number of Books Three Boys Have (C)
Record Number : 1
Position : 99-99
Format : N1.0
Comment : M02 06: Algebra\Using Concepts (T)

Response	Codes Percent	Unweighted Frequency	
A	1	340	3.8
B	2	74	0.8
C	3	187	2.1
D	4	38	0.4
E	5	60	0.7
Missing	6	27	0.3
Invalid	7	0	0.0
Not administered	8	8,163	91.6
Omitted	9	23	0.3
		8,912	100.0%

Variable Name : M022185 Subtract Fractions Involving X (E)
Record Number : 1
Position : 100-100
Format : N1.0
Comment : M02 07: Algebra\Knowing Facts and Procedures (T)

Response	Codes Percent	Unweighted Frequency	
A	1	127	1.4
B	2	247	2.8
C	3	166	1.9
D	4	187	2.1
E	5	744	8.4
Missing	6	1	0.0
Invalid	7	0	0.0
Not administered	8	7,424	83.3
Omitted	9	16	0.2
		8,912	100.0%

Variable Name : MF22185 Subtract Fractions Involving X (E)
Record Number : 1
Position : 101-101
Format : N1.0
Comment : M02 07: Algebra\Knowing Facts and Procedures (T)

Response	Codes Percent	Unweighted Frequency	
A	1	61	0.7
B	2	128	1.4
C	3	90	1.0
D	4	86	1.0
E	5	336	3.8
Missing	6	32	0.4
Invalid	7	0	0.0
Not administered	8	8,163	91.6
Omitted	9	16	0.2
		8,912	100.0%

Variable Name : M022188 Which Is Least Amount of Time (B)
Record Number : 1
Position : 102-102
Format : N1.0
Comment : M02 08: Measurement\Knowing Facts and Procedures (T)

Response	Codes Percent	Unweighted Frequency	
A	1	67	0.8
B	2	716	8.0
C	3	211	2.4
D	4	489	5.5
Missing	6	2	0.0
Invalid	7	0	0.0
Not administered	8	7,424	83.3
Omitted	9	3	0.0
		8,912	100.0%

Variable Name : MF22188 Which Is Least Amount of Time (B)
Record Number : 1
Position : 103-103
Format : N1.0
Comment : M02 08: Measurement\Knowing Facts and Procedures (T)

Response	Codes Percent	Unweighted Frequency	
A	1	37	0.4
B	2	321	3.6
C	3	131	1.5
D	4	219	2.5
Missing	6	33	0.4
Invalid	7	0	0.0
Not administered	8	8,163	91.6
Omitted	9	8	0.1
		8,912	100.0

Variable Name : M022189 How Many Pencils Sold From Bar Graph (C)
Record Number : 1
Position : 104-104
Format : N1.0
Comment : M02 09: Data\Reasoning (T)

Response	Codes Percent	Unweighted Frequency	
A	1	22	0.3
B	2	99	1.1
C	3	1,265	14.2
D	4	94	1.1
Missing	6	2	0.0
Invalid	7	0	0.0
Not administered	8	7,424	83.3
Omitted	9	6	0.1
		8,912	100.0%

Variable Name : MF22189 How Many Pencils Sold From Bar Graph (C)
Record Number : 1
Position : 105-105
Format : N1.0
Comment : M02 09: Data\Reasoning (T)

Response	Codes Percent	Unweighted Frequency	
A	1	27	0.3
B	2	60	0.7
C	3	543	6.1
D	4	68	0.8
Missing	6	39	0.4
Invalid	7	0	0.0
Not administered	8	8,163	91.6
Omitted	9	12	0.1
		8,912	100.0%

Variable Name : M022191 Number of Men/Women At Meeting (A)
Record Number : 1
Position : 106-106
Format : N1.0
Comment : M02 10: Number\Reasoning (T)

Response	Codes Percent	Unweighted Frequency	
A	1	764	8.6
B	2	167	1.9
C	3	196	2.2
D	4	345	3.9
Missing	6	3	0.0
Invalid	7	1	0.0
Not administered	8	7,424	83.3
Omitted	9	12	0.1
		8,912	100.0%

Variable Name : MF22191 Number of Men/Women At Meeting (A)
 Record Number : 1
 Position : 107-107
 Format : N1.0
 Comment : M02 10: Number\Reasoning (T)

Response	Codes Percent	Unweighted Frequency	
A	1	360	4.0
B	2	96	1.1
C	3	96	1.1
D	4	132	1.5
Missing	6	48	0.5
Invalid	7	0	0.0
Not administered	8	8,163	91.6
Omitted	9	17	0.2
		8,912	100.0%

Variable Name : M022194 Approximate Number of Magazines Sold (D)
 Record Number : 1
 Position : 108-108
 Format : N1.0
 Comment : M02 11: Number\Solving Routine Problems (T)

Response	Codes Percent	Unweighted Frequency	
A	1	29	0.3
B	2	75	0.8
C	3	158	1.8
D	4	879	9.9
E	5	327	3.7
Missing	6	4	0.0
Invalid	7	1	0.0
Not administered	8	7,424	83.3
Omitted	9	15	0.2
		8,912	100.0%

Variable Name : MF22194 Approximate Number of Magazines Sold (D)
 Record Number : 1
 Position : 109-109
 Format : N1.0
 Comment : M02 11: Number\Solving Routine Problems (T)

Response	Codes Percent	Unweighted Frequency	
A	1	18	0.2
B	2	44	0.5
C	3	92	1.0
D	4	355	4.0
E	5	169	1.9
Missing	6	54	0.6
Invalid	7	0	0.0
Not administered	8	8,163	91.6
Omitted	9	17	0.2
		8,912	100.0%

Variable Name : M022196 True Expression For Values of L,K,M (A)
 Record Number : 1
 Position : 110-110
 Format : N1.0
 Comment : M02 12: Algebra\Knowing Facts and Procedures (T)

Response	Codes Percent	Unweighted Frequency	
A	1	915	10.3
B	2	372	4.2
C	3	84	0.9
D	4	76	0.9
E	5	24	0.3
Missing	6	4	0.0
Invalid	7	1	0.0
Not administered	8	7,424	83.3
Omitted	9	12	0.1
		8,912	100.0%

Variable Name : MF22196 True Expression For Values of L,K,M (A)
 Record Number : 1
 Position : 111-111
 Format : N1.0
 Comment : M02 12: Algebra\Knowing Facts and Procedures (T)

Response	Codes Percent	Unweighted Frequency	
A	1	414	4.7
B	2	150	1.7
C	3	54	0.6
D	4	42	0.5
E	5	16	0.2
Missing	6	61	0.7
Invalid	7	0	0.0
Not administered	8	8,163	91.6
Omitted	9	12	0.1
		8,912	100.0%

Variable Name : M022198 Decimals Ordered Greatest To Least (D)
 Record Number : 1
 Position : 112-112
 Format : N1.0
 Comment : M02 13: Number\Using Concepts (T)

Response	Codes Percent	Unweighted Frequency	
A	1	231	2.6
B	2	412	4.6
C	3	108	1.2
D	4	715	8.0
Missing	6	4	0.0
Invalid	7	0	0.0
Not administered	8	7,424	83.3
Omitted	9	18	0.2
		8,912	100.0%

Variable Name : MF22198 Decimals Ordered Greatest To Least (D)
 Record Number : 1
 Position : 113-113
 Format : N1.0
 Comment : M02 13: Number\Using Concepts (T)

Response	Codes Percent	Unweighted Frequency	
A	1	152	1.7
B	2	189	2.1
C	3	54	0.6
D	4	271	3.0
Missing	6	71	0.8
Invalid	7	0	0.0
Not administered	8	8,163	91.6
Omitted	9	12	0.1
		8,912	100.0%

Variable Name : M022199 Addition/Multiplicati With Fractions (E)
 Record Number : 1
 Position : 114-114
 Format : N1.0
 Comment : M02 14: Number\Knowing Facts and Procedures (T)

Response	Codes Percent	Unweighted Frequency	
A	1	132	1.5
B	2	193	2.2
C	3	336	3.8
D	4	246	2.8
E	5	538	6.0
Missing	6	4	0.0
Invalid	7	0	0.0
Not administered	8	7,424	83.3
Omitted	9	39	0.4
		8,912	100.0%

Variable Name : MF22199 Addition/Multiplicati With Fractions (E)
 Record Number : 1
 Position : 115-115
 Format : N1.0
 Comment : M02 14: Number\Knowing Facts and Procedures (T)

Response	Codes Percent	Unweighted Frequency	
A	1	52	0.6
B	2	99	1.1
C	3	159	1.8
D	4	116	1.3
E	5	217	2.4
Missing	6	74	0.8
Invalid	7	0	0.0
Not administered	8	8,163	91.6
Omitted	9	32	0.4
		8,912	100.0%

Variable Name : M022202 Measure of Angle In Adjacent Angles (1)
Record Number : 1
Position : 116-117
Format : N2.0
Comment : M02 15: Geometry\Reasoning (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	326	3.7
70 - Incorrect response	70	118	1.3
71 - Incorrect response	71	67	0.8
79 - Incorrect response	79	919	10.3
Missing	96	10	0.1
Not administered	98	7,424	83.3
Omitted	99	48	0.5
		8,912	100.0%

Variable Name : MF22202 Measure of Angle In Adjacent Angles (1)
Record Number : 1
Position : 118-119
Format : N2.0
Comment : M02 15: Geometry\Reasoning (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	125	1.4
70 - Incorrect response	70	59	0.7
71 - Incorrect response	71	31	0.4
79 - Incorrect response	79	407	4.6
Missing	96	92	1.0
Not administered	98	8,163	91.6
Omitted	99	35	0.4
		8,912	100.0%

Variable Name : M012025 Inters Point of Distance/Time Graphs (D)
Record Number : 1
Position : 120-120
Format : N1.0
Comment : M03 01: Algebra\Solving Routine Problems (T)

Response	Codes Percent	Unweighted Frequency	
A	1	25	0.3
B	2	70	0.8
C	3	62	0.7
D	4	1,159	13.0
E	5	144	1.6
Missing	6	1	0.0
Invalid	7	1	0.0
Not administered	8	7,443	83.5
Omitted	9	7	0.1
		8,912	100.0%

Variable Name : MF12025 Inters Point of Distance/Time Graphs (D)
Record Number : 1
Position : 121-121
Format : N1.0
Comment : M03 01: Algebra\Solving Routine Problems (T)

Response	Codes Percent	Unweighted Frequency	
A	1	22	0.3
B	2	25	0.3
C	3	34	0.4
D	4	564	6.3
E	5	83	0.9
Missing	6	9	0.1
Invalid	7	0	0.0
Not administered	8	8,168	91.7
Omitted	9	7	0.1
		8,912	100.0%

Variable Name : M012026 Angle In Overlappin Congruent Triang (D)
Record Number : 1
Position : 122-122
Format : N1.0
Comment : M03 02: Geometry\Solving Routine Problems (T)

Response	Codes Percent	Unweighted Frequency	
A	1	280	3.1
B	2	233	2.6
C	3	263	3.0
D	4	534	6.0
E	5	141	1.6
Missing	6	1	0.0
Invalid	7	0	0.0
Not administered	8	7,443	83.5
Omitted	9	17	0.2
		8,912	100.0%

Variable Name : MF12026 Angle In Overlappin Congruent Triang (D)
Record Number : 1
Position : 123-123
Format : N1.0
Comment : M03 02: Geometry\Solving Routine Problems (T)

Response	Codes Percent	Unweighted Frequency	
A	1	111	1.3
B	2	124	1.4
C	3	131	1.5
D	4	276	3.1
E	5	80	0.9
Missing	6	14	0.2
Invalid	7	0	0.0
Not administered	8	8,168	91.7
Omitted	9	8	0.1
		8,912	100.0%

Variable Name : M012027 Fraction of Hour Betw Two Time Point (B)
Record Number : 1
Position : 124-124
Format : N1.0
Comment : M03 03: Geometry\Solving Routine Problems (T)

Response	Codes Percent	Unweighted Frequency	
A	1	262	2.9
B	2	912	10.2
C	3	84	0.9
D	4	151	1.7
E	5	51	0.6
Missing	6	2	0.0
Invalid	7	0	0.0
Not administered	8	7,443	83.5
Omitted	9	7	0.1
		8,912	100.0%

Variable Name : MF12027 Fraction of Hour Betw Two Time Point (B)
Record Number : 1
Position : 125-125
Format : N1.0
Comment : M03 03: Geometry\Solving Routine Problems (T)

Response	Codes Percent	Unweighted Frequency	
A	1	124	1.4
B	2	459	5.2
C	3	45	0.5
D	4	73	0.8
E	5	23	0.3
Missing	6	17	0.2
Invalid	7	0	0.0
Not administered	8	8,168	91.7
Omitted	9	3	0.0
		8,912	100.0%

Variable Name : M012028 Arrangements of 4-Digit Whole Number (C)
Record Number : 1
Position : 126-126
Format : N1.0
Comment : M03 04: Number\Solving Routine Problems (T)

Response	Codes Percent	Unweighted Frequency	
A	1	91	1.0
B	2	124	1.4
C	3	1,021	11.5
D	4	135	1.5
E	5	79	0.9
Missing	6	2	0.0
Invalid	7	0	0.0
Not administered	8	7,443	83.5
Omitted	9	17	0.2
		8,912	100.0%

Variable Name : MF12028 Arrangements of 4-Digit Whole Number (C)
Record Number : 1
Position : 127-127
Format : N1.0
Comment : M03 04: Number\Solving Routine Problems (T)

Response	Codes Percent	Unweighted Frequency	
A	1	48	0.5
B	2	62	0.7
C	3	479	5.4
D	4	76	0.9
E	5	41	0.5
Missing	6	18	0.2
Invalid	7	2	0.0
Not administered	8	8,168	91.7
Omitted	9	18	0.2
		8,912	100.0%

Variable Name : M012029 Sets of Ordered Pairs of Numbers (E)
Record Number : 1
Position : 128-128
Format : N1.0
Comment : M03 05: Algebra\Reasoning (T)

Response	Codes Percent	Unweighted Frequency	
A	1	50	0.6
B	2	54	0.6
C	3	110	1.2
D	4	245	2.8
E	5	989	11.1
Missing	6	4	0.0
Invalid	7	1	0.0
Not administered	8	7,443	83.5
Omitted	9	16	0.2
		8,912	100.0%

Variable Name : MF12029 Sets of Ordered Pairs of Numbers (E)
Record Number : 1
Position : 129-129
Format : N1.0
Comment : M03 05: Algebra\Reasoning (T)

Response	Codes Percent	Unweighted Frequency	
A	1	31	0.4
B	2	37	0.4
C	3	59	0.7
D	4	106	1.2
E	5	469	5.3
Missing	6	27	0.3
Invalid	7	1	0.0
Not administered	8	8,168	91.7
Omitted	9	14	0.2
		8,912	100.0%

Variable Name : M012030 Leng of Rectang From Width/Perimeter (B)
 Record Number : 1
 Position : 130-130
 Format : N1.0
 Comment : M03 06: Measurement\Solving Routine Problems (T)

Response	Codes Percent	Unweighted Frequency	
A	1	470	5.3
B	2	575	6.5
C	3	181	2.0
D	4	223	2.5
Missing	6	7	0.1
Invalid	7	0	0.0
Not administered	8	7,443	83.5
Omitted	9	13	0.2
		8,912	100.0%

Variable Name : MF12030 Leng of Rectang From Width/Perimeter (B)
 Record Number : 1
 Position : 131-131
 Format : N1.0
 Comment : M03 06: Measurement\Solving Routine Problems (T)

Response	Codes Percent	Unweighted Frequency	
A	1	197	2.2
B	2	291	3.3
C	3	102	1.1
D	4	111	1.3
Missing	6	31	0.4
Invalid	7	0	0.0
Not administered	8	8,168	91.7
Omitted	9	12	0.1
		8,912	100.0%

Variable Name : M022135 Graph of Cooling Water (A)
 Record Number : 1
 Position : 132-132
 Format : N1.0
 Comment : M03 07: Data\Solving Routine Problems (T)

Response	Codes Percent	Unweighted Frequency	
A	1	774	8.7
B	2	123	1.4
C	3	160	1.8
D	4	393	4.4
Missing	6	8	0.1
Invalid	7	0	0.0
Not administered	8	7,443	83.5
Omitted	9	11	0.1
		8,912	100.0%

Variable Name : MF22135 Graph of Cooling Water (A)
Record Number : 1
Position : 133-133
Format : N1.0
Comment : M03 07: Data\Solving Routine Problems (T)

Response	Codes Percent	Unweighted Frequency	
A	1	373	4.2
B	2	92	1.0
C	3	89	1.0
D	4	143	1.6
Missing	6	37	0.4
Invalid	7	0	0.0
Not administered	8	8,168	91.7
Omitted	9	10	0.1
		8,912	100.0%

Variable Name : M022139 Percent Decrease In Travel Time (C)
Record Number : 1
Position : 134-134
Format : N1.0
Comment : M03 08: Number\Knowing Facts and Procedures (T)

Response	Codes Percent	Unweighted Frequency	
A	1	131	1.5
B	2	685	7.7
C	3	527	5.9
D	4	101	1.1
Missing	6	8	0.1
Invalid	7	0	0.0
Not administered	8	7,443	83.5
Omitted	9	17	0.2
		8,912	100.0%

Variable Name : MF22139 Percent Decrease In Travel Time (C)
Record Number : 1
Position : 135-135
Format : N1.0
Comment : M03 08: Number\Knowing Facts and Procedures (T)

Response	Codes Percent	Unweighted Frequency	
A	1	64	0.7
B	2	304	3.4
C	3	269	3.0
D	4	51	0.6
Missing	6	41	0.5
Invalid	7	0	0.0
Not administered	8	8,168	91.7
Omitted	9	15	0.2
		8,912	100.0%

Variable Name : M022142 Sum of Angles Equal To 180 Degrees (B)
Record Number : 1
Position : 136-136
Format : N1.0
Comment : M03 09: Geometry\Knowing Facts and Procedures (T)

Response	Codes Percent	Unweighted Frequency	
A	1	244	2.7
B	2	557	6.3
C	3	252	2.8
D	4	173	1.9
E	5	223	2.5
Missing	6	10	0.1
Invalid	7	0	0.0
Not administered	8	7,443	83.5
Omitted	9	10	0.1
		8,912	100.0%

Variable Name : MF22142 Sum of Angles Equal To 180 Degrees (B)
Record Number : 1
Position : 137-137
Format : N1.0
Comment : M03 09: Geometry\Knowing Facts and Procedures (T)

Response	Codes Percent	Unweighted Frequency	
A	1	129	1.5
B	2	270	3.0
C	3	118	1.3
D	4	78	0.9
E	5	89	1.0
Missing	6	47	0.5
Invalid	7	1	0.0
Not administered	8	8,168	91.7
Omitted	9	12	0.1
		8,912	100.0%

Variable Name : M022144 Decimal Rounded To Nearest Hundredth (D)
Record Number : 1
Position : 138-138
Format : N1.0
Comment : M03 10: Number\Using Concepts (T)

Response	Codes Percent	Unweighted Frequency	
A	1	36	0.4
B	2	66	0.7
C	3	175	2.0
D	4	969	10.9
E	5	199	2.2
Missing	6	10	0.1
Invalid	7	0	0.0
Not administered	8	7,443	83.5
Omitted	9	14	0.2
		8,912	100.0%

Variable Name : MF22144 Decimal Rounded To Nearest Hundredth (D)
Record Number : 1
Position : 139-139
Format : N1.0
Comment : M03 10: Number\Using Concepts (T)

Response	Codes Percent	Unweighted Frequency	
A	1	17	0.2
B	2	34	0.4
C	3	76	0.9
D	4	464	5.2
E	5	91	1.0
Missing	6	50	0.6
Invalid	7	0	0.0
Not administered	8	8,168	91.7
Omitted	9	12	0.1
		8,912	100.0%

Variable Name : M022146 Number of Students From Probability (E)
Record Number : 1
Position : 140-140
Format : N1.0
Comment : M03 11: Data\Solving Routine Problems (T)

Response	Codes Percent	Unweighted Frequency	
A	1	84	0.9
B	2	117	1.3
C	3	188	2.1
D	4	209	2.4
E	5	845	9.5
Missing	6	11	0.1
Invalid	7	0	0.0
Not administered	8	7,443	83.5
Omitted	9	15	0.2
		8,912	100.0%

Variable Name : MF22146 Number of Students From Probability (E)
Record Number : 1
Position : 141-141
Format : N1.0
Comment : M03 11: Data\Solving Routine Problems (T)

Response	Codes Percent	Unweighted Frequency	
A	1	45	0.5
B	2	63	0.7
C	3	90	1.0
D	4	97	1.1
E	5	382	4.3
Missing	6	58	0.7
Invalid	7	0	0.0
Not administered	8	8,168	91.7
Omitted	9	9	0.1
		8,912	100.0%

Variable Name : M022148 Time When Finish Homework (1)
Record Number : 1
Position : 142-143
Format : N2.0
Comment : M03 12: Measurement\Solving Routine Problems (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	806	9.0
19 - Correct response	19	1	0.0
70 - Incorrect response	70	68	0.8
71 - Incorrect response	71	50	0.6
72 - Incorrect response	72	2	0.0
79 - Incorrect response	79	497	5.6
Missing	96	12	0.1
Not administered	98	7,443	83.5
Omitted	99	33	0.4
		8,912	100.0%

Variable Name : MF22148 Time When Finish Homework (1)
Record Number : 1
Position : 144-145
Format : N2.0
Comment : M03 12: Measurement\Solving Routine Problems (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	346	3.9
19 - Correct response	19	0	0.0
70 - Incorrect response	70	37	0.4
71 - Incorrect response	71	22	0.3
72 - Incorrect response	72	2	0.0
79 - Incorrect response	79	245	2.8
Missing	96	61	0.7
Not administered	98	8,168	91.7
Omitted	99	31	0.4
		8,912	100.0%

Variable Name : M022253 Solve Equation For X (1)
Record Number : 1
Position : 146-147
Format : N2.0
Comment : M03 13: Algebra\Knowing Facts and Procedures (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	845	9.5
70 - Incorrect response	70	6	0.1
71 - Incorrect response	71	23	0.3
72 - Incorrect response	72	10	0.1
73 - Incorrect response	73	59	0.7
79 - Incorrect response	79	458	5.1
Missing	96	14	0.2
Not administered	98	7,443	83.5
Omitted	99	54	0.6
		8,912	100.0%

Variable Name : MF22253 Solve Equation For X (1)
Record Number : 1
Position : 148-149
Format : N2.0
Comment : M03 13: Algebra\Knowing Facts and Procedures (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	392	4.4
70 - Incorrect response	70	7	0.1
71 - Incorrect response	71	12	0.1
72 - Incorrect response	72	5	0.1
73 - Incorrect response	73	4	0.0
79 - Incorrect response	79	217	2.4
Missing	96	66	0.7
Not administered	98	8,168	91.7
Omitted	99	41	0.5
		8,912	100.0%

Variable Name : M022154 Center Poin of Rotation of Rectangle (C)
Record Number : 1
Position : 150-150
Format : N1.0
Comment : M03 14: Geometry\Reasoning (T)

Response	Codes Percent	Unweighted Frequency	
A	1	574	6.4
B	2	70	0.8
C	3	736	8.3
D	4	38	0.4
E	5	17	0.2
Missing	6	18	0.2
Invalid	7	0	0.0
Not administered	8	7,443	83.5
Omitted	9	16	0.2
		8,912	100.0%

Variable Name : MF22154 Center Poin of Rotation of Rectangle (C)
Record Number : 1
Position : 151-151
Format : N1.0
Comment : M03 14: Geometry\Reasoning (T)

Response	Codes Percent	Unweighted Frequency	
A	1	255	2.9
B	2	36	0.4
C	3	323	3.6
D	4	30	0.3
E	5	11	0.1
Missing	6	75	0.8
Invalid	7	0	0.0
Not administered	8	8,168	91.7
Omitted	9	14	0.2
		8,912	100.0%

Variable Name : M022156 Scoops of Flour Needed To Fill Bag (1)
Record Number : 1
Position : 152-153
Format : N2.0
Comment : M03 15: Number\Knowing Facts and Procedures (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	745	8.4
70 - Incorrect response	70	16	0.2
71 - Incorrect response	71	45	0.5
72 - Incorrect response	72	36	0.4
73 - Incorrect response	73	56	0.6
74 - Incorrect response	74	64	0.7
79 - Incorrect response	79	415	4.7
Missing	96	21	0.2
Not administered	98	7,443	83.5
Omitted	99	71	0.8
		8,912	100.0%

Variable Name : MF22156 Scoops of Flour Needed To Fill Bag (1)
Record Number : 1
Position : 154-155
Format : N2.0
Comment : M03 15: Number\Knowing Facts and Procedures (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	353	4.0
70 - Incorrect response	70	4	0.0
71 - Incorrect response	71	22	0.3
72 - Incorrect response	72	20	0.2
73 - Incorrect response	73	24	0.3
74 - Incorrect response	74	20	0.2
79 - Incorrect response	79	184	2.1
Missing	96	88	1.0
Not administered	98	8,168	91.7
Omitted	99	29	0.3
		8,912	100.0%

Variable Name : M022002 Three Consecutive Even Numbers (A)
Record Number : 1
Position : 156-156
Format : N1.0
Comment : M04 01: Algebra\Solving Routine Problems (T)

Response	Codes Percent	Unweighted Frequency	
A	1	336	3.8
B	2	230	2.6
C	3	559	6.3
D	4	323	3.6
Missing	6	1	0.0
Invalid	7	0	0.0
Not administered	8	7,450	83.6
Omitted	9	13	0.2
		8,912	100.0%

Variable Name : MF22002 Three Consecutive Even Numbers (A)
Record Number : 1
Position : 157-157
Format : N1.0
Comment : M04 01: Algebra\Solving Routine Problems (T)

Response	Codes Percent	Unweighted Frequency	
A	1	158	1.8
B	2	121	1.4
C	3	275	3.1
D	4	171	1.9
Missing	6	7	0.1
Invalid	7	0	0.0
Not administered	8	8,173	91.7
Omitted	9	7	0.1
		8,912	100.0%

Variable Name : M022004 4/5 of Books More Than 2/3 (C)
Record Number : 1
Position : 158-158
Format : N1.0
Comment : M04 02: Number\Solving Routine Problems (T)

Response	Codes Percent	Unweighted Frequency	
A	1	390	4.4
B	2	146	1.6
C	3	714	8.0
D	4	157	1.8
E	5	44	0.5
Missing	6	1	0.0
Invalid	7	0	0.0
Not administered	8	7,450	83.6
Omitted	9	10	0.1
		8,912	100.0%

Variable Name : MF22004 4/5 of Books More Than 2/3 (C)
Record Number : 1
Position : 159-159
Format : N1.0
Comment : M04 02: Number\Solving Routine Problems (T)

Response	Codes Percent	Unweighted Frequency	
A	1	181	2.0
B	2	61	0.7
C	3	380	4.3
D	4	81	0.9
E	5	21	0.2
Missing	6	8	0.1
Invalid	7	0	0.0
Not administered	8	8,173	91.7
Omitted	9	7	0.1
		8,912	100.0%

Variable Name : M022005 250 MI Bottles Filled By 400 Liters (C)
Record Number : 1
Position : 160-160
Format : N1.0
Comment : M04 03: Measurement\Knowing Facts and Procedures (T)

Response	Codes Percent	Unweighted Frequency	
A	1	267	3.0
B	2	533	6.0
C	3	474	5.3
D	4	157	1.8
Missing	6	1	0.0
Invalid	7	1	0.0
Not administered	8	7,450	83.6
Omitted	9	29	0.3
		8,912	100.0%

Variable Name : MF22005 250 MI Bottles Filled By 400 Liters (C)
Record Number : 1
Position : 161-161
Format : N1.0
Comment : M04 03: Measurement\Knowing Facts and Procedures (T)

Response	Codes Percent	Unweighted Frequency	
A	1	110	1.2
B	2	236	2.7
C	3	277	3.1
D	4	96	1.1
Missing	6	9	0.1
Invalid	7	0	0.0
Not administered	8	8,173	91.7
Omitted	9	11	0.1
		8,912	100.0%

Variable Name : M022008 Numbers In Sequence Increasing By 4 (1)
Record Number : 1
Position : 162-163
Format : N2.0
Comment : M04 04: Algebra\Reasoning (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	656	7.4
70 - Incorrect response	70	163	1.8
71 - Incorrect response	71	109	1.2
79 - Incorrect response	79	495	5.6
Missing	96	1	0.0
Not administered	98	7,450	83.6
Omitted	99	38	0.4
		8,912	100.0%

Variable Name : MF22008 Numbers In Sequence Increasing By 4 (1)
Record Number : 1
Position : 164-165
Format : N2.0
Comment : M04 04: Algebra\Reasoning (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	264	3.0
70 - Incorrect response	70	70	0.8
71 - Incorrect response	71	64	0.7
79 - Incorrect response	79	285	3.2
Missing	96	12	0.1
Not administered	98	8,173	91.7
Omitted	99	44	0.5
		8,912	100.0%

Variable Name : M022010 Time For Betty To Run Race (A)
Record Number : 1
Position : 166-166
Format : N1.0
Comment : M04 05: Number\Solving Routine Problems (T)

Response	Codes Percent	Unweighted Frequency	
A	1	1,086	12.2
B	2	123	1.4
C	3	218	2.5
D	4	24	0.3
Missing	6	1	0.0
Invalid	7	0	0.0
Not administered	8	7,450	83.6
Omitted	9	10	0.1
		8,912	100.0%

Variable Name : MF22010 Time For Betty To Run Race (A)
Record Number : 1
Position : 167-167
Format : N1.0
Comment : M04 05: Number\Solving Routine Problems (T)

Response	Codes Percent	Unweighted Frequency	
A	1	511	5.7
B	2	64	0.7
C	3	124	1.4
D	4	19	0.2
Missing	6	14	0.2
Invalid	7	0	0.0
Not administered	8	8,173	91.7
Omitted	9	7	0.1
		8,912	100.0%

Variable Name : M022012 Fraction Less Than 4/9 (1)
 Record Number : 1
 Position : 168-169
 Format : N2.0
 Comment : M04 06: Number\Using Concepts (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	635	7.1
11 - Correct response	11	43	0.5
12 - Correct response	12	16	0.2
19 - Correct response	19	318	3.6
70 - Incorrect response	70	56	0.6
71 - Incorrect response	71	76	0.9
72 - Incorrect response	72	15	0.2
79 - Incorrect response	79	279	3.1
Missing	96	1	0.0
Not administered	98	7,450	83.6
Omitted	99	23	0.3
		8,912	100.0%

Variable Name : MF22012 Fraction Less Than 4/9 (1)
 Record Number : 1
 Position : 170-171
 Format : N2.0
 Comment : M04 06: Number\Using Concepts (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	316	3.6
11 - Correct response	11	17	0.2
12 - Correct response	12	11	0.1
19 - Correct response	19	151	1.7
70 - Incorrect response	70	40	0.5
71 - Incorrect response	71	33	0.4
72 - Incorrect response	72	9	0.1
79 - Incorrect response	79	125	1.4
Missing	96	17	0.2
Not administered	98	8,173	91.7
Omitted	99	20	0.2
		8,912	100.0%

Variable Name : M022021 Area of Paved Walkway Around Pool (C)
Record Number : 1
Position : 172-172
Format : N1.0
Comment : M04 07: Measurement\Knowing Facts and Procedures (T)

Response	Codes Percent	Unweighted Frequency	
A	1	98	1.1
B	2	301	3.4
C	3	578	6.5
D	4	464	5.2
Missing	6	3	0.0
Invalid	7	0	0.0
Not administered	8	7,450	83.6
Omitted	9	18	0.2
		8,912	100.0%

Variable Name : MF22021 Area of Paved Walkway Around Pool (C)
Record Number : 1
Position : 173-173
Format : N1.0
Comment : M04 07: Measurement\Knowing Facts and Procedures (T)

Response	Codes Percent	Unweighted Frequency	
A	1	45	0.5
B	2	174	2.0
C	3	271	3.0
D	4	208	2.3
Missing	6	20	0.2
Invalid	7	0	0.0
Not administered	8	8,173	91.7
Omitted	9	21	0.2
		8,912	100.0%

Variable Name : M022016 Point On A Line Defined By Two Point (D)
Record Number : 1
Position : 174-174
Format : N1.0
Comment : M04 08: Geometry\Knowing Facts and Procedures (T)

Response	Codes Percent	Unweighted Frequency	
A	1	115	1.3
B	2	172	1.9
C	3	257	2.9
D	4	745	8.4
E	5	141	1.6
Missing	6	5	0.1
Invalid	7	5	0.1
Not administered	8	7,450	83.6
Omitted	9	22	0.3
		8,912	100.0%

Variable Name : MF22016 Point On A Line Defined By Two Point (D)
 Record Number : 1
 Position : 175-175
 Format : N1.0
 Comment : M04 08: Geometry\Knowing Facts and Procedures (T)

Response	Codes Percent	Unweighted Frequency	
A	1	71	0.8
B	2	102	1.1
C	3	107	1.2
D	4	358	4.0
E	5	63	0.7
Missing	6	28	0.3
Invalid	7	1	0.0
Not administered	8	8,173	91.7
Omitted	9	9	0.1
		8,912	100.0%

Variable Name : M022252 Most Likely Sector On Spinner (B)
 Record Number : 1
 Position : 176-176
 Format : N1.0
 Comment : M04 09: Data\Reasoning (T)

Response	Codes Percent	Unweighted Frequency	
A	1	99	1.1
B	2	1,142	12.8
C	3	160	1.8
D	4	53	0.6
Missing	6	6	0.1
Invalid	7	0	0.0
Not administered	8	7,450	83.6
Omitted	9	2	0.0
		8,912	100.0%

Variable Name : MF22252 Most Likely Sector On Spinner (B)
 Record Number : 1
 Position : 177-177
 Format : N1.0
 Comment : M04 09: Data\Reasoning (T)

Response	Codes Percent	Unweighted Frequency	
A	1	55	0.6
B	2	536	6.0
C	3	89	1.0
D	4	20	0.2
Missing	6	30	0.3
Invalid	7	0	0.0
Not administered	8	8,173	91.7
Omitted	9	9	0.1
		8,912	100.0%

Variable Name : M022261A Sequence Fig With Triangl/Fill Table (1)
Record Number : 1
Position : 178-179
Format : N2.0
Comment : M04 10A: Algebra\Solving Routine Problems (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	737	8.3
70 - Incorrect response	70	472	5.3
71 - Incorrect response	71	57	0.6
79 - Incorrect response	79	131	1.5
Missing	96	6	0.1
Not administered	98	7,450	83.6
Omitted	99	59	0.7
		8,912	100.0%

Variable Name : MF22261A Sequence Fig With Triangl/Fill Table (1)
Record Number : 1
Position : 180-181
Format : N2.0
Comment : M04 10A: Algebra\Solving Routine Problems (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	277	3.1
70 - Incorrect response	70	237	2.7
71 - Incorrect response	71	19	0.2
79 - Incorrect response	79	99	1.1
Missing	96	33	0.4
Not administered	98	8,173	91.7
Omitted	99	74	0.8
		8,912	100.0%

Variable Name : M022261B Sequence Fig With Triangl/7Th Figure (1)
Record Number : 1
Position : 182-183
Format : N2.0
Comment : M04 10B: Algebra\Solving Routine Problems (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	428	4.8
70 - Incorrect response	70	22	0.3
71 - Incorrect response	71	49	0.6
79 - Incorrect response	79	822	9.2
Missing	96	8	0.1
Not administered	98	7,450	83.6
Omitted	99	133	1.5
		8,912	100.0%

Variable Name : MF22261B Sequence Fig With Triangl/7Th Figure (1)
Record Number : 1
Position : 184-185
Format : N2.0
Comment : M04 10B: Algebra\Solving Routine Problems (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	170	1.9
70 - Incorrect response	70	8	0.1
71 - Incorrect response	71	16	0.2
79 - Incorrect response	79	398	4.5
Missing	96	43	0.5
Not administered	98	8,173	91.7
Omitted	99	104	1.2
		8,912	100.0%

Variable Name : M022261C Sequence Fig With Triangl/50Th Figur (2)
Record Number : 1
Position : 186-187
Format : N2.0
Comment : M04 10C: Algebra\Reasoning (T)

Response	Codes Percent	Unweighted Frequency	
10 - Partial response	10	9	0.1
19 - Partial response	19	34	0.4
20 - Correct response	20	46	0.5
21 - Correct response	21	234	2.6
70 - Incorrect response	70	40	0.5
71 - Incorrect response	71	30	0.3
79 - Incorrect response	79	710	8.0
Missing	96	17	0.2
Not administered	98	7,450	83.6
Omitted	99	342	3.8
		8,912	100.0%

Variable Name : MF22261C Sequence Fig With Triangl/50Th Figur (2)
Record Number : 1
Position : 188-189
Format : N2.0
Comment : M04 10C: Algebra\Reasoning (T)

Response	Codes Percent	Unweighted Frequency	
10 - Partial response	10	5	0.1
19 - Partial response	19	7	0.1
20 - Correct response	20	19	0.2
21 - Correct response	21	89	1.0
70 - Incorrect response	70	10	0.1
71 - Incorrect response	71	6	0.1
79 - Incorrect response	79	341	3.8
Missing	96	50	0.6
Not administered	98	8,173	91.7
Omitted	99	212	2.4
		8,912	100.0%

Variable Name : M022227A 5 Squares/Area of One Square (1)
Record Number : 1
Position : 190-191
Format : N2.0
Comment : M04 11A: Measurement\Solving Routine Problems (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	868	9.7
70 - Incorrect response	70	14	0.2
79 - Incorrect response	79	474	5.3
Missing	96	22	0.3
Not administered	98	7,450	83.6
Omitted	99	84	0.9
		8,912	100.0%

Variable Name : MF22227A 5 Squares/Area of One Square (1)
Record Number : 1
Position : 192-193
Format : N2.0
Comment : M04 11A: Measurement\Solving Routine Problems (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	341	3.8
70 - Incorrect response	70	8	0.1
79 - Incorrect response	79	271	3.0
Missing	96	57	0.6
Not administered	98	8,173	91.7
Omitted	99	62	0.7
		8,912	100.0%

Variable Name : M022227B 5 Squares/Length of One Side (1)
Record Number : 1
Position : 194-195
Format : N2.0
Comment : M04 11B: Measurement\Solving Routine Problems (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	374	4.2
11 - Correct response	11	36	0.4
70 - Incorrect response	70	15	0.2
71 - Incorrect response	71	263	3.0
72 - Incorrect response	72	66	0.7
79 - Incorrect response	79	528	5.9
Missing	96	28	0.3
Not administered	98	7,450	83.6
Omitted	99	152	1.7
		8,912	100.0%

Variable Name : MF22227B 5 Squares/Length of One Side (1)
Record Number : 1
Position : 196-197
Format : N2.0
Comment : M04 11B: Measurement\Solving Routine Problems (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	146	1.6
11 - Correct response	11	16	0.2
70 - Incorrect response	70	9	0.1
71 - Incorrect response	71	92	1.0
72 - Incorrect response	72	29	0.3
79 - Incorrect response	79	278	3.1
Missing	96	65	0.7
Not administered	98	8,173	91.7
Omitted	99	104	1.2
		8,912	100.0%

Variable Name : M022227C 5 Squares/Perimeter Whole Figure (1)
Record Number : 1
Position : 198-199
Format : N2.0
Comment : M04 11C: Measurement\Solving Routine Problems (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	214	2.4
11 - Correct response	11	9	0.1
12 - Correct response	12	93	1.0
70 - Incorrect response	70	87	1.0
71 - Incorrect response	71	36	0.4
72 - Incorrect response	72	121	1.4
79 - Incorrect response	79	673	7.6
Missing	96	31	0.4
Not administered	98	7,450	83.6
Omitted	99	198	2.2
		8,912	100.0%

Variable Name : MF22227C 5 Squares/Perimeter Whole Figure (1)
Record Number : 1
Position : 200-201
Format : N2.0
Comment : M04 11C: Measurement\Solving Routine Problems (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	82	0.9
11 - Correct response	11	3	0.0
12 - Correct response	12	44	0.5
70 - Incorrect response	70	45	0.5
71 - Incorrect response	71	15	0.2
72 - Incorrect response	72	52	0.6
79 - Incorrect response	79	307	3.4
Missing	96	75	0.8
Not administered	98	8,173	91.7
Omitted	99	116	1.3
		8,912	100.0%

Variable Name : M022127 Fuel Remainin In Tank At End of Trip (A)
Record Number : 1
Position : 202-202
Format : N1.0
Comment : M04 12: Number\Solving Routine Problems (T)

Response	Codes Percent	Unweighted Frequency	
A	1	369	4.1
B	2	292	3.3
C	3	369	4.1
D	4	361	4.1
Missing	6	32	0.4
Invalid	7	1	0.0
Not administered	8	7,450	83.6
Omitted	9	38	0.4
		8,912	100.0%

Variable Name : MF22127 Fuel Remainin In Tank At End of Trip (A)
Record Number : 1
Position : 203-203
Format : N1.0
Comment : M04 12: Number\Solving Routine Problems (T)

Response	Codes Percent	Unweighted Frequency	
A	1	146	1.6
B	2	148	1.7
C	3	177	2.0
D	4	175	2.0
Missing	6	79	0.9
Invalid	7	0	0.0
Not administered	8	8,173	91.7
Omitted	9	14	0.2
		8,912	100.0%

Variable Name : M022043 Circle With Same Shaded Fraction (D)
Record Number : 1
Position : 204-204
Format : N1.0
Comment : M05 01: Number\Using Concepts (T)

Response	Codes Percent	Unweighted Frequency	
A	1	220	2.5
B	2	75	0.8
C	3	94	1.1
D	4	1,770	19.9
E	5	57	0.6
Missing	6	3	0.0
Invalid	7	0	0.0
Not administered	8	6,684	75.0
Omitted	9	9	0.1
		8,912	100.0%

Variable Name : MF22043 Circle With Same Shaded Fraction (D)
Record Number : 1
Position : 205-205
Format : N1.0
Comment : M05 01: Number\Using Concepts (T)

Response	Codes Percent	Unweighted Frequency	
A	1	99	1.1
B	2	20	0.2
C	3	23	0.3
D	4	585	6.6
E	5	12	0.1
Missing	6	3	0.0
Invalid	7	0	0.0
Not administered	8	8,165	91.6
Omitted	9	5	0.1
		8,912	100.0%

Variable Name : M022046 Total Kilograms of Seed From Mixture (1)
Record Number : 1
Position : 206-207
Format : N2.0
Comment : M05 02: Number\Solving Routine Problems (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	1,011	11.3
19 - Correct response	19	0	0.0
70 - Incorrect response	70	22	0.3
71 - Incorrect response	71	66	0.7
72 - Incorrect response	72	59	0.7
79 - Incorrect response	79	271	3.0
Missing	96	2	0.0
Not administered	98	7,439	83.5
Omitted	99	42	0.5
		8,912	100.0%

Variable Name : MC22046 Total Kilograms of Seed From Mixture (1)
Record Number : 1
Position : 208-209
Format : N2.0
Comment : M05 02: Number\Solving Routine Problems (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	547	6.1
19 - Correct response	19	0	0.0
70 - Incorrect response	70	4	0.0
71 - Incorrect response	71	13	0.2
72 - Incorrect response	72	9	0.1
79 - Incorrect response	79	147	1.7
Missing	96	2	0.0
Not administered	98	8,157	91.5
Omitted	99	33	0.4
		8,912	100.0%

Variable Name : MF22046 Total Kilograms of Seed From Mixture (1)
Record Number : 1
Position : 210-211
Format : N2.0
Comment : M05 02: Number\Solving Routine Problems (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	530	6.0
19 - Correct response	19	0	0.0
70 - Incorrect response	70	9	0.1
71 - Incorrect response	71	35	0.4
72 - Incorrect response	72	32	0.4
79 - Incorrect response	79	120	1.4
Missing	96	3	0.0
Not administered	98	8,165	91.6
Omitted	99	18	0.2
		8,912	100.0%

Variable Name : M022049 Rotated 3-Dimensional Object (D)
Record Number : 1
Position : 212-212
Format : N1.0
Comment : M05 03: Geometry\Using Concepts (T)

Response	Codes Percent	Unweighted Frequency	
A	1	238	2.7
B	2	406	4.6
C	3	100	1.1
D	4	1,460	16.4
Missing	6	4	0.0
Invalid	7	9	0.1
Not administered	8	6,684	75.0
Omitted	9	11	0.1
		8,912	100.0%

Variable Name : MF22049 Rotated 3-Dimensional Object (D)
 Record Number : 1
 Position : 213-213
 Format : N1.0
 Comment : M05 03: Geometry\Using Concepts (T)

Response	Codes Percent	Unweighted Frequency	
A	1	90	1.0
B	2	117	1.3
C	3	31	0.4
D	4	498	5.6
Missing	6	3	0.0
Invalid	7	3	0.0
Not administered	8	8,165	91.6
Omitted	9	5	0.1
		8,912	100.0%

Variable Name : M022050 Inequality Equivalent To $X/3 > 8$ (E)
 Record Number : 1
 Position : 214-214
 Format : N1.0
 Comment : M05 04: Algebra\Knowing Facts and Procedures (T)

Response	Codes Percent	Unweighted Frequency	
A	1	74	0.8
B	2	539	6.1
C	3	505	5.7
D	4	159	1.8
E	5	913	10.2
Missing	6	5	0.1
Invalid	7	1	0.0
Not administered	8	6,684	75.0
Omitted	9	32	0.4
		8,912	100.0%

Variable Name : MF22050 Inequality Equivalent To $X/3 > 8$ (E)
 Record Number : 1
 Position : 215-215
 Format : N1.0
 Comment : M05 04: Algebra\Knowing Facts and Procedures (T)

Response	Codes Percent	Unweighted Frequency	
A	1	21	0.2
B	2	181	2.0
C	3	148	1.7
D	4	65	0.7
E	5	325	3.7
Missing	6	3	0.0
Invalid	7	0	0.0
Not administered	8	8,165	91.6
Omitted	9	4	0.0
		8,912	100.0%

Variable Name : M022055 Perimeter of Square From Area (1)
Record Number : 1
Position : 216-217
Format : N2.0
Comment : M05 05: Measurement\Knowing Facts and Procedures (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	672	7.5
70 - Incorrect response	70	262	2.9
71 - Incorrect response	71	140	1.6
72 - Incorrect response	72	114	1.3
73 - Incorrect response	73	217	2.4
79 - Incorrect response	79	699	7.8
Missing	96	6	0.1
Not administered	98	6,684	75.0
Omitted	99	118	1.3
		8,912	100.0%

Variable Name : MF22055 Perimeter of Square From Area (1)
Record Number : 1
Position : 218-219
Format : N2.0
Comment : M05 05: Measurement\Knowing Facts and Procedures (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	256	2.9
70 - Incorrect response	70	86	1.0
71 - Incorrect response	71	40	0.5
72 - Incorrect response	72	29	0.3
73 - Incorrect response	73	78	0.9
79 - Incorrect response	79	215	2.4
Missing	96	4	0.0
Not administered	98	8,165	91.6
Omitted	99	39	0.4
		8,912	100.0%

Variable Name : M022057 Approximate Tons of Fertilizer Sold (C)
Record Number : 1
Position : 220-220
Format : N1.0
Comment : M05 06: Number\Solving Routine Problems (T)

Response	Codes Percent	Unweighted Frequency	
A	1	228	2.6
B	2	152	1.7
C	3	1,600	18.0
D	4	167	1.9
E	5	49	0.6
Missing	6	7	0.1
Invalid	7	0	0.0
Not administered	8	6,684	75.0
Omitted	9	25	0.3
		8,912	100.0%

Variable Name : MF22057 Approximate Tons of Fertilizer Sold (C)
Record Number : 1
Position : 221-221
Format : N1.0
Comment : M05 06: Number\Solving Routine Problems (T)

Response	Codes Percent	Unweighted Frequency	
A	1	48	0.5
B	2	53	0.6
C	3	563	6.3
D	4	53	0.6
E	5	18	0.2
Missing	6	5	0.1
Invalid	7	3	0.0
Not administered	8	8,165	91.6
Omitted	9	4	0.0
		8,912	100.0%

Variable Name : M022257 Probability of Drawing Blue Bead (C)
Record Number : 1
Position : 222-222
Format : N1.0
Comment : M05 07: Data\Solving Routine Problems (T)

Response	Codes Percent	Unweighted Frequency	
A	1	499	5.6
B	2	293	3.3
C	3	1,192	13.4
D	4	154	1.7
E	5	55	0.6
Missing	6	7	0.1
Invalid	7	0	0.0
Not administered	8	6,684	75.0
Omitted	9	28	0.3
		8,912	100.0%

Variable Name : MF22257 Probability of Drawing Blue Bead (C)
Record Number : 1
Position : 223-223
Format : N1.0
Comment : M05 07: Data\Solving Routine Problems (T)

Response	Codes Percent	Unweighted Frequency	
A	1	193	2.2
B	2	113	1.3
C	3	367	4.1
D	4	40	0.5
E	5	18	0.2
Missing	6	6	0.1
Invalid	7	0	0.0
Not administered	8	8,165	91.6
Omitted	9	10	0.1
		8,912	100.0%

Variable Name : M022062 Value of Angle In Congruent Triangle (B)
 Record Number : 1
 Position : 224-224
 Format : N1.0
 Comment : M05 08: Geometry\Reasoning (T)

Response	Codes Percent	Unweighted Frequency	
A	1	1,417	15.9
B	2	488	5.5
C	3	146	1.6
D	4	84	0.9
E	5	61	0.7
Missing	6	8	0.1
Invalid	7	2	0.0
Not administered	8	6,684	75.0
Omitted	9	22	0.3
		8,912	100.0%

Variable Name : MF22062 Value of Angle In Congruent Triangle (B)
 Record Number : 1
 Position : 225-225
 Format : N1.0
 Comment : M05 08: Geometry\Reasoning (T)

Response	Codes Percent	Unweighted Frequency	
A	1	490	5.5
B	2	150	1.7
C	3	46	0.5
D	4	20	0.2
E	5	24	0.3
Missing	6	10	0.1
Invalid	7	0	0.0
Not administered	8	8,165	91.6
Omitted	9	7	0.1
		8,912	100.0%

Variable Name : M022066 Addition of Three Fractions (D)
 Record Number : 1
 Position : 226-226
 Format : N1.0
 Comment : M05 09: Number\Knowing Facts and Procedures (T)

Response	Codes Percent	Unweighted Frequency	
A	1	797	8.9
B	2	129	1.5
C	3	152	1.7
D	4	1,115	12.5
Missing	6	8	0.1
Invalid	7	0	0.0
Not administered	8	6,684	75.0
Omitted	9	27	0.3
		8,912	100.0%

Variable Name : MF22066 Addition of Three Fractions (D)
Record Number : 1
Position : 227-227
Format : N1.0
Comment : M05 09: Number\Knowing Facts and Procedures (T)

Response	Codes Percent	Unweighted Frequency	
A	1	264	3.0
B	2	50	0.6
C	3	54	0.6
D	4	362	4.1
Missing	6	14	0.2
Invalid	7	0	0.0
Not administered	8	8,165	91.6
Omitted	9	3	0.0
		8,912	100.0%

Variable Name : M022232 Estimate Time For Water To Cool (2)
Record Number : 1
Position : 228-229
Format : N2.0
Comment : M05 10: Measurement\Reasoning (T)

Response	Codes Percent	Unweighted Frequency	
10 - Partial response	10	18	0.2
11 - Partial response	11	10	0.1
19 - Partial response	19	33	0.4
20 - Correct response	20	170	1.9
21 - Correct response	21	8	0.1
22 - Correct response	22	101	1.1
23 - Correct response	23	36	0.4
24 - Correct response	24	198	2.2
29 - Correct response	29	21	0.2
70 - Incorrect response	70	34	0.4
71 - Incorrect response	71	85	1.0
72 - Incorrect response	72	33	0.4
79 - Incorrect response	79	1,294	14.5
Missing	96	9	0.1
Not administered	98	6,684	75.0
Omitted	99	178	2.0
		8,912	100.0%

Variable Name : MF22232 Estimate Time For Water To Cool (2)
Record Number : 1
Position : 230-231
Format : N2.0
Comment : M05 10: Measurement\Reasoning (T)

Response	Codes Percent	Unweighted Frequency	
10 - Partial response	10	5	0.1
11 - Partial response	11	2	0.0
19 - Partial response	19	8	0.1
20 - Correct response	20	39	0.4
21 - Correct response	21	7	0.1
22 - Correct response	22	27	0.3
23 - Correct response	23	12	0.1
24 - Correct response	24	67	0.8
29 - Correct response	29	2	0.0
70 - Incorrect response	70	8	0.1
71 - Incorrect response	71	25	0.3
72 - Incorrect response	72	14	0.2
79 - Incorrect response	79	465	5.2
Missing	96	15	0.2
Not administered	98	8,165	91.6
Omitted	99	51	0.6
		8,912	100.0%

Variable Name : M022234A New Rectan From Old/Draw On The Grid (2)
Record Number : 1
Position : 232-233
Format : N2.0
Comment : M05 11A: Measurement\Solving Routine Problems (T)

Response	Codes Percent	Unweighted Frequency	
10 - Partial response	10	20	0.2
11 - Partial response	11	167	1.9
20 - Correct response	20	433	4.9
70 - Incorrect response	70	421	4.7
71 - Incorrect response	71	162	1.8
79 - Incorrect response	79	781	8.8
Missing	96	14	0.2
Not administered	98	6,684	75.0
Omitted	99	230	2.6
		8,912	100.0%

Variable Name : MF22234A New Rectan From Old/Draw On The Grid (2)
Record Number : 1
Position : 234-235
Format : N2.0
Comment : M05 11A: Measurement\Solving Routine Problems (T)

Response	Codes Percent	Unweighted Frequency	
10 - Partial response	10	5	0.1
11 - Partial response	11	38	0.4
20 - Correct response	20	128	1.4
70 - Incorrect response	70	176	2.0
71 - Incorrect response	71	58	0.7
79 - Incorrect response	79	242	2.7
Missing	96	32	0.4
Not administered	98	8,165	91.6
Omitted	99	68	0.8
		8,912	100.0%

Variable Name : M022234B New Rectangl From Old/Ratio of Areas (2)
Record Number : 1
Position : 236-237
Format : N2.0
Comment : M05 11B: Number\Solving Routine Problems (T)

Response	Codes Percent	Unweighted Frequency	
10 - Partial response	10	35	0.4
11 - Partial response	11	39	0.4
19 - Incorrect response	19	7	0.1
20 - Correct response	20	259	2.9
21 - Correct response	21	82	0.9
70 - Incorrect response	70	250	2.8
79 - Incorrect response	79	887	10.0
Missing	96	28	0.3
Not administered	98	6,684	75.0
Omitted	99	641	7.2
		8,912	100.0%

Variable Name : MF22234B New Rectangl From Old/Ratio of Areas (2)
Record Number : 1
Position : 238-239
Format : N2.0
Comment : M05 11B: Number\Solving Routine Problems (T)

Response	Codes Percent	Unweighted Frequency	
10 - Partial response	10	5	0.1
11 - Partial response	11	4	0.0
19 - Incorrect response	19	2	0.0
20 - Correct response	20	74	0.8
21 - Correct response	21	30	0.3
70 - Incorrect response	70	122	1.4
79 - Incorrect response	79	298	3.3
Missing	96	43	0.5
Not administered	98	8,165	91.6
Omitted	99	169	1.9
		8,912	100.0%

Variable Name : M022243 Area of Triangle Inside A Square (1)
Record Number : 1
Position : 240-241
Format : N2.0
Comment : M05 12: Measurement\Solving Routine Problems (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	572	6.4
70 - Incorrect response	70	224	2.5
79 - Incorrect response	79	1,221	13.7
Missing	96	33	0.4
Not administered	98	6,684	75.0
Omitted	99	178	2.0
		8,912	100.0%

Variable Name : MF22243 Area of Triangle Inside A Square (1)
Record Number : 1
Position : 242-243
Format : N2.0
Comment : M05 12: Measurement\Solving Routine Problems (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	212	2.4
70 - Incorrect response	70	52	0.6
79 - Incorrect response	79	424	4.8
Missing	96	52	0.6
Not administered	98	8,165	91.6
Omitted	99	7	0.1
		8,912	100.0%

Variable Name : M022097 Voltage Shown On Meter (C)
Record Number : 1
Position : 244-244
Format : N1.0
Comment : M06 01: Measurement\Knowing Facts and Procedures (T)

Response	Codes Percent	Unweighted Frequency	
A	1	341	3.8
B	2	47	0.5
C	3	1,766	19.8
D	4	75	0.8
Missing	6	1	0.0
Invalid	7	0	0.0
Not administered	8	6,676	74.9
Omitted	9	6	0.1
		8,912	100.0%

Variable Name : MF22097 Voltage Shown On Meter (C)
Record Number : 1
Position : 245-245
Format : N1.0
Comment : M06 01: Measurement\Knowing Facts and Procedures (T)

Response	Codes Percent	Unweighted Frequency	
A	1	84	0.9
B	2	14	0.2
C	3	596	6.7
D	4	21	0.2
Missing	6	5	0.1
Invalid	7	0	0.0
Not administered	8	8,190	91.9
Omitted	9	2	0.0
		8,912	100.0%

Variable Name : M022101 Box With Greater Chance To Pick 17 (A)
Record Number : 1
Position : 246-246
Format : N1.0
Comment : M06 02: Data\Using Concepts (T)

Response	Codes Percent	Unweighted Frequency	
A	1	1,847	20.7
B	2	121	1.4
C	3	179	2.0
D	4	79	0.9
Missing	6	1	0.0
Invalid	7	1	0.0
Not administered	8	6,676	74.9
Omitted	9	8	0.1
		8,912	100.0%

Variable Name : MF22101 Box With Greater Chance To Pick 17 (A)
Record Number : 1
Position : 247-247
Format : N1.0
Comment : M06 02: Data\Using Concepts (T)

Response	Codes Percent	Unweighted Frequency	
A	1	621	7.0
B	2	31	0.4
C	3	42	0.5
D	4	19	0.2
Missing	6	5	0.1
Invalid	7	1	0.0
Not administered	8	8,190	91.9
Omitted	9	3	0.0
		8,912	100.0%

Variable Name : M022104 Which Fraction Is Smallest (D)
Record Number : 1
Position : 248-248
Format : N1.0
Comment : M06 03: Number\Using Concepts (T)

Response	Codes Percent	Unweighted Frequency	
A	1	243	2.7
B	2	48	0.5
C	3	150	1.7
D	4	1,789	20.1
Missing	6	1	0.0
Invalid	7	0	0.0
Not administered	8	6,676	74.9
Omitted	9	5	0.1
		8,912	100.0%

Variable Name : MF22104 Which Fraction Is Smallest (D)
Record Number : 1
Position : 249-249
Format : N1.0
Comment : M06 03: Number\Using Concepts (T)

Response	Codes Percent	Unweighted Frequency	
A	1	83	0.9
B	2	21	0.2
C	3	59	0.7
D	4	551	6.2
Missing	6	6	0.1
Invalid	7	0	0.0
Not administered	8	8,190	91.9
Omitted	9	2	0.0
		8,912	100.0%

Variable Name : M022105 Triangl Rotated About Point In Plane (D)
Record Number : 1
Position : 250-250
Format : N1.0
Comment : M06 04: Geometry\Knowing Facts and Procedures (T)

Response	Codes Percent	Unweighted Frequency	
A	1	481	5.4
B	2	590	6.6
C	3	200	2.2
D	4	826	9.3
E	5	122	1.4
Missing	6	1	0.0
Invalid	7	0	0.0
Not administered	8	6,676	74.9
Omitted	9	16	0.2
		8,912	100.0%

Variable Name : MF22105 Triangl Rotated About Point In Plane (D)
Record Number : 1
Position : 251-251
Format : N1.0
Comment : M06 04: Geometry\Knowing Facts and Procedures (T)

Response	Codes Percent	Unweighted Frequency	
A	1	153	1.7
B	2	198	2.2
C	3	46	0.5
D	4	260	2.9
E	5	56	0.6
Missing	6	7	0.1
Invalid	7	0	0.0
Not administered	8	8,190	91.9
Omitted	9	2	0.0
		8,912	100.0%

Variable Name : M022106 Ratio of Children To Adults On Bus (1)
Record Number : 1
Position : 252-253
Format : N2.0
Comment : M06 05: Number\Solving Routine Problems (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	731	8.2
70 - Incorrect response	70	128	1.4
71 - Incorrect response	71	152	1.7
72 - Incorrect response	72	33	0.4
73 - Incorrect response	73	53	0.6
79 - Incorrect response	79	1,006	11.3
Missing	96	1	0.0
Not administered	98	6,676	74.9
Omitted	99	132	1.5
		8,912	100.0%

Variable Name : MF22106 Ratio of Children To Adults On Bus (1)
Record Number : 1
Position : 254-255
Format : N2.0
Comment : M06 05: Number\Solving Routine Problems (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	242	2.7
70 - Incorrect response	70	35	0.4
71 - Incorrect response	71	44	0.5
72 - Incorrect response	72	10	0.1
73 - Incorrect response	73	22	0.3
79 - Incorrect response	79	330	3.7
Missing	96	8	0.1
Not administered	98	8,190	91.9
Omitted	99	31	0.4
		8,912	100.0%

Variable Name : M022108 Degree of Angle From Supplements (C)
Record Number : 1
Position : 256-256
Format : N1.0
Comment : M06 06: Geometry\Solving Routine Problems (T)

Response	Codes Percent	Unweighted Frequency	
A	1	59	0.7
B	2	316	3.6
C	3	1,211	13.6
D	4	452	5.1
E	5	179	2.0
Missing	6	1	0.0
Invalid	7	0	0.0
Not administered	8	6,676	74.9
Omitted	9	18	0.2
		8,912	100.0%

Variable Name : MF22108 Degree of Angle From Supplements (C)
Record Number : 1
Position : 257-257
Format : N1.0
Comment : M06 06: Geometry\Solving Routine Problems (T)

Response	Codes Percent	Unweighted Frequency	
A	1	15	0.2
B	2	91	1.0
C	3	371	4.2
D	4	167	1.9
E	5	66	0.7
Missing	6	8	0.1
Invalid	7	1	0.0
Not administered	8	8,190	91.9
Omitted	9	3	0.0
		8,912	100.0%

Variable Name : M022110 Multiply Two Decimals (1)
Record Number : 1
Position : 258-259
Format : N2.0
Comment : M06 07: Number\Knowing Facts and Procedures (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	680	7.6
11 - Correct response	11	9	0.1
70 - Incorrect response	70	193	2.2
71 - Incorrect response	71	14	0.2
72 - Incorrect response	72	66	0.7
79 - Incorrect response	79	514	5.8
Missing	96	0	0.0
Not administered	98	7,414	83.2
Omitted	99	22	0.3
		8,912	100.0%

Variable Name : MC22110 Multiply Two Decimals (1)
Record Number : 1
Position : 260-261
Format : N2.0
Comment : M06 07: Number\Knowing Facts and Procedures (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	652	7.3
11 - Correct response	11	5	0.1
70 - Incorrect response	70	9	0.1
71 - Incorrect response	71	17	0.2
72 - Incorrect response	72	1	0.0
79 - Incorrect response	79	43	0.5
Missing	96	1	0.0
Not administered	98	8,174	91.7
Omitted	99	10	0.1
		8,912	100.0%

Variable Name : MF22110 Multiply Two Decimals (1)
Record Number : 1
Position : 262-263
Format : N2.0
Comment : M06 07: Number\Knowing Facts and Procedures (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	335	3.8
11 - Correct response	11	3	0.0
70 - Incorrect response	70	99	1.1
71 - Incorrect response	71	2	0.0
72 - Incorrect response	72	13	0.2
79 - Incorrect response	79	255	2.9
Missing	96	8	0.1
Not administered	98	8,190	91.9
Omitted	99	7	0.1
		8,912	100.0%

Variable Name : M022181 Graph Showing Information In Table (B)
Record Number : 1
Position : 264-264
Format : N1.0
Comment : M06 08: Data\Using Concepts (T)

Response	Codes Percent	Unweighted Frequency	
A	1	104	1.2
B	2	1,934	21.7
C	3	93	1.0
D	4	87	1.0
Missing	6	1	0.0
Invalid	7	1	0.0
Not administered	8	6,676	74.9
Omitted	9	16	0.2
		8,912	100.0%

Variable Name : MF22181 Graph Showing Information In Table (B)
Record Number : 1
Position : 265-265
Format : N1.0
Comment : M06 08: Data\Using Concepts (T)

Response	Codes Percent	Unweighted Frequency	
A	1	36	0.4
B	2	610	6.8
C	3	28	0.3
D	4	29	0.3
Missing	6	10	0.1
Invalid	7	0	0.0
Not administered	8	8,190	91.9
Omitted	9	9	0.1
		8,912	100.0%

Variable Name : M032307 Ticket Cost Eithe 10, 15, Or 30 Zeds (1)
Record Number : 1
Position : 266-267
Format : N2.0
Comment : M06 09: Number\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	668	7.5
79 - Incorrect response	79	1,398	15.7
Missing	96	2	0.0
Not administered	98	6,676	74.9
Omitted	99	168	1.9
		8,912	100.0%

Variable Name : MF32307 Ticket Cost Eithe 10, 15, Or 30 Zeds (1)
Record Number : 1
Position : 268-269
Format : N2.0
Comment : M06 09: Number\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	237	2.7
79 - Incorrect response	79	427	4.8
Missing	96	16	0.2
Not administered	98	8,190	91.9
Omitted	99	42	0.5
		8,912	100.0%

Variable Name : M032523 Cups of Sugar For 1 1/2 Tim Ori Reci (B)
Record Number : 1
Position : 270-270
Format : N1.0
Comment : M06 10: Number\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
A	1	256	2.9
B	2	721	8.1
C	3	714	8.0
D	4	505	5.7
Missing	6	5	0.1
Invalid	7	1	0.0
Not administered	8	6,676	74.9
Omitted	9	34	0.4
		8,912	100.0%

Variable Name : MF32523 Cups of Sugar For 1 1/2 Tim Ori Reci (B)
Record Number : 1
Position : 271-271
Format : N1.0
Comment : M06 10: Number\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
A	1	86	1.0
B	2	249	2.8
C	3	197	2.2
D	4	167	1.9
Missing	6	19	0.2
Invalid	7	0	0.0
Not administered	8	8,190	91.9
Omitted	9	4	0.0
		8,912	100.0%

Variable Name : M032701 There 1 Teacher For Every 12 Student (C)
Record Number : 1
Position : 272-272
Format : N1.0
Comment : M06 11: Number\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
A	1	26	0.3
B	2	66	0.7
C	3	1,308	14.7
D	4	79	0.9
Missing	6	4	0.0
Invalid	7	0	0.0
Not administered	8	7,414	83.2
Omitted	9	15	0.2
		8,912	100.0%

Variable Name : MC32701 There 1 Teacher For Every 12 Student (C)
Record Number : 1
Position : 273-273
Format : N1.0
Comment : M06 11: Number\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
A	1	11	0.1
B	2	28	0.3
C	3	659	7.4
D	4	27	0.3
Missing	6	3	0.0
Invalid	7	0	0.0
Not administered	8	8,174	91.7
Omitted	9	10	0.1
		8,912	100.0%

Variable Name : MF32701 There 1 Teacher For Every 12 Student (C)
Record Number : 1
Position : 274-274
Format : N1.0
Comment : M06 11: Number\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
A	1	12	0.1
B	2	31	0.4
C	3	605	6.8
D	4	51	0.6
Missing	6	20	0.2
Invalid	7	0	0.0
Not administered	8	8,190	91.9
Omitted	9	3	0.0
		8,912	100.0%

Variable Name : M032704 A Bus Travels At A Constant Speed (B)
Record Number : 1
Position : 275-275
Format : N1.0
Comment : M06 12: Number\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
A	1	195	2.2
B	2	971	10.9
C	3	191	2.1
D	4	106	1.2
Missing	6	5	0.1
Invalid	7	1	0.0
Not administered	8	7,414	83.2
Omitted	9	29	0.3
		8,912	100.0%

Variable Name : MC32704 A Bus Travels At A Constant Speed (B)
Record Number : 1
Position : 276-276
Format : N1.0
Comment : M06 12: Number\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
A	1	88	1.0
B	2	487	5.5
C	3	105	1.2
D	4	44	0.5
Missing	6	4	0.0
Invalid	7	0	0.0
Not administered	8	8,174	91.7
Omitted	9	10	0.1
		8,912	100.0%

Variable Name : MF32704 A Bus Travels At A Constant Speed (B)
Record Number : 1
Position : 277-277
Format : N1.0
Comment : M06 12: Number\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
A	1	92	1.0
B	2	445	5.0
C	3	112	1.3
D	4	44	0.5
Missing	6	23	0.3
Invalid	7	1	0.0
Not administered	8	8,190	91.9
Omitted	9	5	0.1
		8,912	100.0%

Variable Name : M032525 The Number Divided By -6 Gives 12 (A)
Record Number : 1
Position : 278-278
Format : N1.0
Comment : M06 13: Number\Knowing Facts and Procedures

Response	Codes Percent	Unweighted Frequency	
A	1	869	9.8
B	2	271	3.0
C	3	129	1.5
D	4	199	2.2
Missing	6	8	0.1
Invalid	7	0	0.0
Not administered	8	7,414	83.2
Omitted	9	22	0.3
		8,912	100.0%

Variable Name : MC32525 The Number Divided By -6 Gives 12 (A)
Record Number : 1
Position : 279-279
Format : N1.0
Comment : M06 13: Number\Knowing Facts and Procedures

Response	Codes Percent	Unweighted Frequency	
A	1	454	5.1
B	2	117	1.3
C	3	76	0.9
D	4	80	0.9
Missing	6	4	0.0
Invalid	7	0	0.0
Not administered	8	8,174	91.7
Omitted	9	7	0.1
		8,912	100.0%

Variable Name : MF32525 The Number Divided By -6 Gives 12 (A)
Record Number : 1
Position : 280-280
Format : N1.0
Comment : M06 13: Number\Knowing Facts and Procedures

Response	Codes Percent	Unweighted Frequency	
A	1	400	4.5
B	2	136	1.5
C	3	76	0.9
D	4	82	0.9
Missing	6	24	0.3
Invalid	7	1	0.0
Not administered	8	8,190	91.9
Omitted	9	3	0.0
		8,912	100.0%

Variable Name : M032579 The Meas of Angle C In Triangle Abov (B)
Record Number : 1
Position : 281-281
Format : N1.0
Comment : M06 14: Geometry\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
A	1	700	7.9
B	2	1,107	12.4
C	3	311	3.5
D	4	75	0.8
Missing	6	13	0.2
Invalid	7	0	0.0
Not administered	8	6,676	74.9
Omitted	9	30	0.3
		8,912	100.0%

Variable Name : MF32579 The Meas of Angle C In Triangle Abov (B)
Record Number : 1
Position : 282-282
Format : N1.0
Comment : M06 14: Geometry\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
A	1	217	2.4
B	2	339	3.8
C	3	104	1.2
D	4	33	0.4
Missing	6	25	0.3
Invalid	7	1	0.0
Not administered	8	8,190	91.9
Omitted	9	3	0.0
		8,912	100.0%

Variable Name : M032691 Draw Angles That Are Supplementary (2)
Record Number : 1
Position : 283-284
Format : N2.0
Comment : M06 15: Geometry\Knowing Facts and Procedures

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	1,026	11.5
70 - Incorrect response	70	39	0.4
79 - Incorrect response	79	1,015	11.4
Missing	96	16	0.2
Not administered	98	6,676	74.9
Omitted	99	140	1.6
		8,912	100.0%

Variable Name : MF32691 Draw Angles That Are Supplementary (2)
Record Number : 1
Position : 285-286
Format : N2.0
Comment : M06 15: Geometry\Knowing Facts and Procedures

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	331	3.7
70 - Incorrect response	70	12	0.1
79 - Incorrect response	79	321	3.6
Missing	96	27	0.3
Not administered	98	8,190	91.9
Omitted	99	31	0.4
		8,912	100.0%

Variable Name : M032142 The Nr of Boys And Girls In 4 Classe (B)
Record Number : 1
Position : 287-287
Format : N1.0
Comment : M07 01: Number\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
A	1	130	1.5
B	2	368	4.1
C	3	114	1.3
D	4	106	1.2
Missing	6	0	0.0
Invalid	7	0	0.0
Not administered	8	8,186	91.9
Omitted	9	8	0.1
		8,912	100.0%

Variable Name : MF32142 The Nr of Boys And Girls In 4 Classe (B)
Record Number : 1
Position : 288-288
Format : N1.0
Comment : M07 01: Number\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
A	1	133	1.5
B	2	369	4.1
C	3	130	1.5
D	4	107	1.2
Missing	6	6	0.1
Invalid	7	1	0.0
Not administered	8	8,157	91.5
Omitted	9	9	0.1
		8,912	100.0%

Variable Name : M032198 2 Times A Squared Times 3A (D)
 Record Number : 1
 Position : 289-289
 Format : N1.0
 Comment : M07 02: Algebra\Knowing Facts and Procedures

Response	Codes Percent	Unweighted Frequency	
A	1	84	0.9
B	2	48	0.5
C	3	303	3.4
D	4	287	3.2
Missing	6	0	0.0
Invalid	7	0	0.0
Not administered	8	8,186	91.9
Omitted	9	4	0.0
		8,912	100.0%

Variable Name : MF32198 2 Times A Squared Times 3A (D)
 Record Number : 1
 Position : 290-290
 Format : N1.0
 Comment : M07 02: Algebra\Knowing Facts and Procedures

Response	Codes Percent	Unweighted Frequency	
A	1	97	1.1
B	2	78	0.9
C	3	271	3.0
D	4	292	3.3
Missing	6	7	0.1
Invalid	7	0	0.0
Not administered	8	8,157	91.5
Omitted	9	10	0.1
		8,912	100.0%

Variable Name : M032640 13 Matches To Mak 4 Squares In A Row (2)
 Record Number : 1
 Position : 291-292
 Format : N2.0
 Comment : M07 03: Algebra\Reasoning

Response	Codes Percent	Unweighted Frequency	
10 - Partial response	10	67	0.8
20 - Correct response	20	69	0.8
79 - Incorrect response	79	543	6.1
Missing	96	0	0.0
Not administered	98	8,186	91.9
Omitted	99	47	0.5
		8,912	100.0%

Variable Name : MF32640 13 Matches To Mak 4 Squares In A Row (2)
Record Number : 1
Position : 293-294
Format : N2.0
Comment : M07 03: Algebra\Reasoning

Response	Codes Percent	Unweighted Frequency	
10 - Partial response	10	79	0.9
20 - Correct response	20	85	1.0
79 - Incorrect response	79	538	6.0
Missing	96	7	0.1
Not administered	98	8,157	91.5
Omitted	99	46	0.5
		8,912	100.0%

Variable Name : M032344 Vol of Box Frm Shape That Is Fold Up (1)
Record Number : 1
Position : 295-296
Format : N2.0
Comment : M07 04: Measurement\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	254	2.9
79 - Incorrect response	79	438	4.9
Missing	96	1	0.0
Not administered	98	8,186	91.9
Omitted	99	33	0.4
		8,912	100.0%

Variable Name : MF32344 Vol of Box Frm Shape That Is Fold Up (1)
Record Number : 1
Position : 297-298
Format : N2.0
Comment : M07 04: Measurement\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	224	2.5
79 - Incorrect response	79	467	5.2
Missing	96	13	0.2
Not administered	98	8,157	91.5
Omitted	99	51	0.6
		8,912	100.0%

Variable Name : M032754 Class Trip_Fill Table With Yes/No (2)
Record Number : 1
Position : 299-300
Format : N2.0
Comment : M07 05: Measurement\Reasoning

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	566	6.4
70 - Incorrect response	70	60	0.7
79 - Incorrect response	79	72	0.8
Missing	96	1	0.0
Not administered	98	8,186	91.9
Omitted	99	27	0.3
		8,912	100.0%

Variable Name : MF32754 Class Trip_Fill Table With Yes/No (2)
Record Number : 1
Position : 301-302
Format : N2.0
Comment : M07 05: Measurement\Reasoning

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	555	6.2
70 - Incorrect response	70	60	0.7
79 - Incorrect response	79	64	0.7
Missing	96	17	0.2
Not administered	98	8,157	91.5
Omitted	99	59	0.7
		8,912	100.0%

Variable Name : M032755 Class Trip_Make Calcula From Two Ads (2)
Record Number : 1
Position : 303-304
Format : N2.0
Comment : M07 06: Number\Reasoning

Response	Codes Percent	Unweighted Frequency	
10 - Partial response	10	8	0.1
11 - Partial response	11	97	1.1
20 - Correct response	20	82	0.9
70 - Incorrect response	70	136	1.5
79 - Incorrect response	79	346	3.9
Missing	96	1	0.0
Not administered	98	8,186	91.9
Omitted	99	56	0.6
		8,912	100.0%

Variable Name : MF32755 Class Trip_Make Calcula From Two Ads (2)
Record Number : 1
Position : 305-306
Format : N2.0
Comment : M07 06: Number\Reasoning

Response	Codes Percent	Unweighted Frequency	
10 - Partial response	10	12	0.1
11 - Partial response	11	71	0.8
20 - Correct response	20	76	0.9
70 - Incorrect response	70	129	1.5
79 - Incorrect response	79	368	4.1
Missing	96	22	0.3
Not administered	98	8,157	91.5
Omitted	99	77	0.9
		8,912	100.0%

Variable Name : M032753A Class Trip_Fill Sched Tabl For Acton (2)
Record Number : 1
Position : 307-308
Format : N2.0
Comment : M07 07A: Data\Reasoning

Response	Codes Percent	Unweighted Frequency	
10 - Partially correct response	10	165	1.9
20 - Correct response	20	245	2.8
70 - Incorrect response	70	132	1.5
79 - Incorrect response	79	72	0.8
Missing	96	2	0.0
Not administered	98	8,186	91.9
Omitted	99	110	1.2
		8,912	100.0%

Variable Name : MF32753A Class Trip_Fill Sched Tabl For Acton (2)
Record Number : 1
Position : 309-310
Format : N2.0
Comment : M07 07A: Data\Reasoning

Response	Codes Percent	Unweighted Frequency	
10 - Partially correct response	10	135	1.5
20 - Correct response	20	169	1.9
70 - Incorrect response	70	147	1.7
79 - Incorrect response	79	85	1.0
Missing	96	25	0.3
Not administered	98	8,157	91.5
Omitted	99	194	2.2
		8,912	100.0%

Variable Name : M032753B Cla Trip_Fill Sched Tabl For Camford (2)
Record Number : 1
Position : 311-312
Format : N2.0
Comment : M07 07B: Data\Reasoning

Response	Codes Percent	Unweighted Frequency	
10 - Partially correct response	10	218	2.5
20 - Correct response	20	142	1.6
21 - Correct response	21	22	0.3
70 - Incorrect response	70	147	1.7
79 - Incorrect response	79	68	0.8
Missing	96	2	0.0
Not administered	98	8,186	91.9
Omitted	99	127	1.4
		8,912	100.0%

Variable Name : MF32753B Cla Trip_Fill Sched Tabl For Camford (2)
Record Number : 1
Position : 313-314
Format : N2.0
Comment : M07 07B: Data\Reasoning

Response	Codes Percent	Unweighted Frequency	
10 - Partially correct response	10	128	1.4
20 - Correct response	20	120	1.4
21 - Correct response	21	8	0.1
70 - Incorrect response	70	178	2.0
79 - Incorrect response	79	81	0.9
Missing	96	38	0.4
Not administered	98	8,157	91.5
Omitted	99	202	2.3
		8,912	100.0%

Variable Name : M032753C Cl Trip_Ident Towns Meet All Condit (1)
Record Number : 1
Position : 315-316
Format : N2.0
Comment : M07 07C: Data\Reasoning

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	281	3.2
11 - Correct response	11	156	1.8
79 - Incorrect response	79	234	2.6
Missing	96	2	0.0
Not administered	98	8,186	91.9
Omitted	99	53	0.6
		8,912	100.0%

Variable Name : MF32753C CI Trip_Ident Towns Meet All Condi (1)
Record Number : 1
Position : 317-318
Format : N2.0
Comment : M07 07C: Data\Reasoning

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	196	2.2
11 - Correct response	11	115	1.3
79 - Incorrect response	79	311	3.5
Missing	96	44	0.5
Not administered	98	8,157	91.5
Omitted	99	89	1.0
		8,912	100.0%

Variable Name : M032756 CI Trip_Town Fulfilli All Conditions (1)
Record Number : 1
Position : 319-320
Format : N2.0
Comment : M07 08: Data\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	316	3.6
11 - Correct response	11	123	1.4
79 - Incorrect response	79	230	2.6
Missing	96	3	0.0
Not administered	98	8,186	91.9
Omitted	99	54	0.6
		8,912	100.0%

Variable Name : MF32756 CI Trip_Town Fulfilli All Conditions (1)
Record Number : 1
Position : 321-322
Format : N2.0
Comment : M07 08: Data\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	229	2.6
11 - Correct response	11	87	1.0
79 - Incorrect response	79	292	3.3
Missing	96	58	0.7
Not administered	98	8,157	91.5
Omitted	99	89	1.0
		8,912	100.0%

Variable Name : M032205 The Meas of The Angle Qus In Hexagon (B)
Record Number : 1
Position : 323-323
Format : N1.0
Comment : M07 09: Geometry\Reasoning

Response	Codes Percent	Unweighted Frequency	
A	1	72	0.8
B	2	474	5.3
C	3	81	0.9
D	4	86	1.0
Missing	6	3	0.0
Invalid	7	0	0.0
Not administered	8	8,186	91.9
Omitted	9	10	0.1
		8,912	100.0%

Variable Name : MF32205 The Meas of The Angle Qus In Hexagon (B)
Record Number : 1
Position : 324-324
Format : N1.0
Comment : M07 09: Geometry\Reasoning

Response	Codes Percent	Unweighted Frequency	
A	1	70	0.8
B	2	425	4.8
C	3	110	1.2
D	4	76	0.9
Missing	6	60	0.7
Invalid	7	0	0.0
Not administered	8	8,157	91.5
Omitted	9	14	0.2
		8,912	100.0%

Variable Name : M032163 The Relat Between X And Y In A Table (C)
Record Number : 1
Position : 325-325
Format : N1.0
Comment : M07 10: Algebra\Using Concepts

Response	Codes Percent	Unweighted Frequency	
A	1	75	0.8
B	2	170	1.9
C	3	427	4.8
D	4	42	0.5
Missing	6	3	0.0
Invalid	7	1	0.0
Not administered	8	8,186	91.9
Omitted	9	8	0.1
		8,912	100.0%

Variable Name : MF32163 The Relat Between X And Y In A Table (C)
Record Number : 1
Position : 326-326
Format : N1.0
Comment : M07 10: Algebra\Using Concepts

Response	Codes Percent	Unweighted Frequency	
A	1	69	0.8
B	2	182	2.0
C	3	366	4.1
D	4	51	0.6
Missing	6	72	0.8
Invalid	7	1	0.0
Not administered	8	8,157	91.5
Omitted	9	14	0.2
		8,912	100.0%

Variable Name : M032381 How Many Children Were On The Trip (1)
Record Number : 1
Position : 327-328
Format : N2.0
Comment : M08 01: Number\Reasoning

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	440	4.9
70 - Incorrect response	70	131	1.5
79 - Incorrect response	79	157	1.8
Missing	96	0	0.0
Not administered	98	8,165	91.6
Omitted	99	19	0.2
		8,912	100.0%

Variable Name : MF32381 How Many Children Were On The Trip (1)
Record Number : 1
Position : 329-330
Format : N2.0
Comment : M08 01: Number\Reasoning

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	381	4.3
70 - Incorrect response	70	133	1.5
79 - Incorrect response	79	171	1.9
Missing	96	4	0.0
Not administered	98	8,174	91.7
Omitted	99	49	0.6
		8,912	100.0%

Variable Name : M032416 A Correct Proce For Find 1/5 Min 1/3 (D)
Record Number : 1
Position : 331-331
Format : N1.0
Comment : M08 02: Number\Knowing Facts and Procedures

Response	Codes Percent	Unweighted Frequency	
A	1	240	2.7
B	2	216	2.4
C	3	133	1.5
D	4	157	1.8
Missing	6	0	0.0
Invalid	7	0	0.0
Not administered	8	8,165	91.6
Omitted	9	1	0.0
		8,912	100.0%

Variable Name : MF32416 A Correct Proce For Find 1/5 Min 1/3 (D)
Record Number : 1
Position : 332-332
Format : N1.0
Comment : M08 02: Number\Knowing Facts and Procedures

Response	Codes Percent	Unweighted Frequency	
A	1	187	2.1
B	2	198	2.2
C	3	155	1.7
D	4	164	1.8
Missing	6	6	0.1
Invalid	7	0	0.0
Not administered	8	8,174	91.7
Omitted	9	28	0.3
		8,912	100.0%

Variable Name : M032160 An Alloy Is Made of Gold And Silver (D)
Record Number : 1
Position : 333-333
Format : N1.0
Comment : M08 03: Number\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
A	1	52	0.6
B	2	431	4.8
C	3	134	1.5
D	4	128	1.4
Missing	6	0	0.0
Invalid	7	0	0.0
Not administered	8	8,165	91.6
Omitted	9	2	0.0
		8,912	100.0%

Variable Name : MF32160 An Alloy Is Made of Gold And Silver (D)
Record Number : 1
Position : 334-334
Format : N1.0
Comment : M08 03: Number\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
A	1	52	0.6
B	2	367	4.1
C	3	141	1.6
D	4	143	1.6
Missing	6	8	0.1
Invalid	7	0	0.0
Not administered	8	8,174	91.7
Omitted	9	27	0.3
		8,912	100.0%

Variable Name : M032273 The Rule For Pattern of 2,5,11,23 (B)
Record Number : 1
Position : 335-335
Format : N1.0
Comment : M08 04: Algebra\Reasoning

Response	Codes Percent	Unweighted Frequency	
A	1	59	0.7
B	2	574	6.4
C	3	82	0.9
D	4	29	0.3
Missing	6	0	0.0
Invalid	7	0	0.0
Not administered	8	8,165	91.6
Omitted	9	3	0.0
		8,912	100.0%

Variable Name : MF32273 The Rule For Pattern of 2,5,11,23 (B)
Record Number : 1
Position : 336-336
Format : N1.0
Comment : M08 04: Algebra\Reasoning

Response	Codes Percent	Unweighted Frequency	
A	1	73	0.8
B	2	525	5.9
C	3	87	1.0
D	4	24	0.3
Missing	6	8	0.1
Invalid	7	0	0.0
Not administered	8	8,174	91.7
Omitted	9	21	0.2
		8,912	100.0%

Variable Name : M032540 3 Times (2X Min 1) Plus 2X Equals 21 (D)
Record Number : 1
Position : 337-337
Format : N1.0
Comment : M08 05: Algebra\Knowing Facts and Procedures

Response	Codes Percent	Unweighted Frequency	
A	1	71	0.8
B	2	36	0.4
C	3	118	1.3
D	4	511	5.7
Missing	6	0	0.0
Invalid	7	0	0.0
Not administered	8	8,165	91.6
Omitted	9	11	0.1
		8,912	100.0%

Variable Name : MF32540 3 Times (2X Min 1) Plus 2X Equals 21 (D)
Record Number : 1
Position : 338-338
Format : N1.0
Comment : M08 05: Algebra\Knowing Facts and Procedures

Response	Codes Percent	Unweighted Frequency	
A	1	87	1.0
B	2	32	0.4
C	3	121	1.4
D	4	468	5.3
Missing	6	9	0.1
Invalid	7	0	0.0
Not administered	8	8,174	91.7
Omitted	9	21	0.2
		8,912	100.0%

Variable Name : M032698 How M Jacket Anna Have In Terms of N (A)
Record Number : 1
Position : 339-339
Format : N1.0
Comment : M08 06: Algebra\Knowing Facts and Procedures

Response	Codes Percent	Unweighted Frequency	
A	1	357	4.0
B	2	244	2.7
C	3	57	0.6
D	4	85	1.0
Missing	6	0	0.0
Invalid	7	0	0.0
Not administered	8	8,165	91.6
Omitted	9	4	0.0
		8,912	100.0%

Variable Name : MF32698 How M Jacket Anna Have In Terms of N (A)
Record Number : 1
Position : 340-340
Format : N1.0
Comment : M08 06: Algebra\Knowing Facts and Procedures

Response	Codes Percent	Unweighted Frequency	
A	1	275	3.1
B	2	275	3.1
C	3	63	0.7
D	4	101	1.1
Missing	6	15	0.2
Invalid	7	0	0.0
Not administered	8	8,174	91.7
Omitted	9	9	0.1
		8,912	100.0%

Variable Name : M032097 A Circular Pond Has A Radius of 10 M (C)
Record Number : 1
Position : 341-341
Format : N1.0
Comment : M08 07: Measurement\Reasoning

Response	Codes Percent	Unweighted Frequency	
A	1	279	3.1
B	2	196	2.2
C	3	232	2.6
D	4	30	0.3
Missing	6	0	0.0
Invalid	7	0	0.0
Not administered	8	8,165	91.6
Omitted	9	10	0.1
		8,912	100.0%

Variable Name : MF32097 A Circular Pond Has A Radius of 10 M (C)
Record Number : 1
Position : 342-342
Format : N1.0
Comment : M08 07: Measurement\Reasoning

Response	Codes Percent	Unweighted Frequency	
A	1	239	2.7
B	2	200	2.2
C	3	233	2.6
D	4	26	0.3
Missing	6	16	0.2
Invalid	7	0	0.0
Not administered	8	8,174	91.7
Omitted	9	24	0.3
		8,912	100.0%

Variable Name : M032575 The Area, In Square Cm, of The Figur (B)
Record Number : 1
Position : 343-343
Format : N1.0
Comment : M08 08: Measurement\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
A	1	118	1.3
B	2	310	3.5
C	3	117	1.3
D	4	195	2.2
Missing	6	0	0.0
Invalid	7	0	0.0
Not administered	8	8,165	91.6
Omitted	9	7	0.1
		8,912	100.0%

Variable Name : MF32575 The Area, In Square Cm, of The Figur (B)
Record Number : 1
Position : 344-344
Format : N1.0
Comment : M08 08: Measurement\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
A	1	113	1.3
B	2	310	3.5
C	3	117	1.3
D	4	156	1.8
Missing	6	19	0.2
Invalid	7	0	0.0
Not administered	8	8,174	91.7
Omitted	9	23	0.3
		8,912	100.0%

Variable Name : M032414 Value of Angle X In A Figure (1)
Record Number : 1
Position : 345-346
Format : N2.0
Comment : M08 09: Geometry\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	127	1.4
70 - Incorrect response	70	304	3.4
79 - Incorrect response	79	277	3.1
Missing	96	0	0.0
Not administered	98	8,165	91.6
Omitted	99	39	0.4
		8,912	100.0%

Variable Name : MF32414 Value of Angle X In A Figure (1)
Record Number : 1
Position : 347-348
Format : N2.0
Comment : M08 09: Geometry\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	103	1.2
70 - Incorrect response	70	204	2.3
79 - Incorrect response	79	337	3.8
Missing	96	26	0.3
Not administered	98	8,174	91.7
Omitted	99	68	0.8
		8,912	100.0%

Variable Name : M032294 Point Such That Mnp Is Isosce Triang (A)
Record Number : 1
Position : 349-349
Format : N1.0
Comment : M08 10: Geometry\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
A	1	361	4.1
B	2	91	1.0
C	3	153	1.7
D	4	133	1.5
Missing	6	0	0.0
Invalid	7	0	0.0
Not administered	8	8,165	91.6
Omitted	9	9	0.1
		8,912	100.0%

Variable Name : MF32294 Point Such That Mnp Is Isosce Triang (A)
Record Number : 1
Position : 350-350
Format : N1.0
Comment : M08 10: Geometry\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
A	1	325	3.7
B	2	109	1.2
C	3	164	1.8
D	4	101	1.1
Missing	6	31	0.4
Invalid	7	0	0.0
Not administered	8	8,174	91.7
Omitted	9	8	0.1
		8,912	100.0%

Variable Name : M032688 Draw Line In Spin Given Inf In Table (1)
Record Number : 1
Position : 351-352
Format : N2.0
Comment : M08 11: Data\Using Concepts

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	335	3.8
70 - Incorrect response	70	130	1.5
71 - Incorrect response	71	147	1.7
72 - Incorrect response	72	14	0.2
79 - Incorrect response	79	84	0.9
Missing	96	0	0.0
Not administered	98	8,165	91.6
Omitted	99	37	0.4
		8,912	100.0%

Variable Name : MF32688 Draw Line In Spin Given Inf In Table (1)
Record Number : 1
Position : 353-354
Format : N2.0
Comment : M08 11: Data\Using Concepts

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	303	3.4
70 - Incorrect response	70	108	1.2
71 - Incorrect response	71	113	1.3
72 - Incorrect response	72	16	0.2
79 - Incorrect response	79	97	1.1
Missing	96	32	0.4
Not administered	98	8,174	91.7
Omitted	99	69	0.8
		8,912	100.0%

Variable Name : M032529 Percentage Reduction In Sale (B)
Record Number : 1
Position : 355-355
Format : N1.0
Comment : M08 12: Number\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
A	1	96	1.1
B	2	304	3.4
C	3	87	1.0
D	4	253	2.8
Missing	6	0	0.0
Invalid	7	0	0.0
Not administered	8	8,165	91.6
Omitted	9	7	0.1
		8,912	100.0%

Variable Name : MF32529 Percentage Reduction In Sale (B)
Record Number : 1
Position : 356-356
Format : N1.0
Comment : M08 12: Number\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
A	1	84	0.9
B	2	288	3.2
C	3	124	1.4
D	4	191	2.1
Missing	6	36	0.4
Invalid	7	0	0.0
Not administered	8	8,174	91.7
Omitted	9	15	0.2
		8,912	100.0%

Variable Name : M032637A Be Fit Health Club/Label Lines (1)
Record Number : 1
Position : 357-358
Format : N2.0
Comment : M08 13A: Algebra\Using Concepts

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	573	6.4
70 - Incorrect response	70	94	1.1
79 - Incorrect response	79	30	0.3
Missing	96	0	0.0
Not administered	98	8,165	91.6
Omitted	99	50	0.6
		8,912	100.0%

Variable Name : MF32637A Be Fit Health Club/Label Lines (1)
Record Number : 1
Position : 359-360
Format : N2.0
Comment : M08 13A: Algebra\Using Concepts

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	434	4.9
70 - Incorrect response	70	119	1.3
79 - Incorrect response	79	52	0.6
Missing	96	45	0.5
Not administered	98	8,174	91.7
Omitted	99	88	1.0
		8,912	100.0%

Variable Name : M032637B Be Fit Health Club/Identify Week (1)
Record Number : 1
Position : 361-362
Format : N2.0
Comment : M08 13B: Algebra\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	610	6.8
79 - Incorrect response	79	73	0.8
Missing	96	0	0.0
Not administered	98	8,165	91.6
Omitted	99	64	0.7
		8,912	100.0%

Variable Name : MF32637B Be Fit Health Club/Identify Week (1)
Record Number : 1
Position : 363-364
Format : N2.0
Comment : M08 13B: Algebra\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	505	5.7
79 - Incorrect response	79	84	0.9
Missing	96	118	1.3
Not administered	98	8,174	91.7
Omitted	99	31	0.4
		8,912	100.0%

Variable Name : M032637C Be Fit Health Club/Differen In Costs (1)
Record Number : 1
Position : 365-366
Format : N2.0
Comment : M08 13C: Data\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	480	5.4
70 - Incorrect response	70	28	0.3
79 - Incorrect response	79	175	2.0
Missing	96	0	0.0
Not administered	98	8,165	91.6
Omitted	99	64	0.7
		8,912	100.0%

Variable Name : MF32637C Be Fit Health Club/Differen In Costs (1)
Record Number : 1
Position : 367-368
Format : N2.0
Comment : M08 13C: Data\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	384	4.3
70 - Incorrect response	70	16	0.2
79 - Incorrect response	79	191	2.1
Missing	96	136	1.5
Not administered	98	8,174	91.7
Omitted	99	11	0.1
		8,912	100.0%

Variable Name : M032079 John And Cathy Divide Number By 100 (B)
Record Number : 1
Position : 369-369
Format : N1.0
Comment : M09 01: Number\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
A	1	64	0.7
B	2	484	5.4
C	3	328	3.7
D	4	594	6.7
Missing	6	0	0.0
Invalid	7	1	0.0
Not administered	8	7,425	83.3
Omitted	9	16	0.2
		8,912	100.0%

Variable Name : M032652 Teachers Send 6 Newsletters Per Year (1)
Record Number : 1
Position : 370-371
Format : N2.0
Comment : M09 02: Number\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	531	6.0
70 - Incorrect response	70	55	0.6
79 - Incorrect response	79	828	9.3
Missing	96	0	0.0
Not administered	98	7,425	83.3
Omitted	99	73	0.8
		8,912	100.0%

Variable Name : M032228 A Shop Increased Its Prices By 20 P. (C)
Record Number : 1
Position : 372-372
Format : N1.0
Comment : M09 03: Number\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
A	1	242	2.7
B	2	231	2.6
C	3	862	9.7
D	4	131	1.5
Missing	6	1	0.0
Invalid	7	0	0.0
Not administered	8	7,425	83.3
Omitted	9	20	0.2
		8,912	100.0%

Variable Name : M032044 Carla Paid X Zeds For 3 Carton Juice (A)
Record Number : 1
Position : 373-373
Format : N1.0
Comment : M09 04: Algebra\Using Concepts

Response	Codes Percent	Unweighted Frequency	
A	1	711	8.0
B	2	258	2.9
C	3	113	1.3
D	4	389	4.4
Missing	6	1	0.0
Invalid	7	0	0.0
Not administered	8	7,425	83.3
Omitted	9	15	0.2
		8,912	100.0%

Variable Name : M032046 If Y Equals 3X Plus 2 (A)
Record Number : 1
Position : 374-374
Format : N1.0
Comment : M09 05: Algebra\Using Concepts

Response	Codes Percent	Unweighted Frequency	
A	1	382	4.3
B	2	445	5.0
C	3	304	3.4
D	4	321	3.6
Missing	6	1	0.0
Invalid	7	1	0.0
Not administered	8	7,425	83.3
Omitted	9	33	0.4
		8,912	100.0%

Variable Name : M032545 7 Oranges And 4 Lemons Cost 43 Zeds (1)
Record Number : 1
Position : 375-376
Format : N2.0
Comment : M09 06: Algebra\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	312	3.5
70 - Incorrect response	70	66	0.7
79 - Incorrect response	79	859	9.6
Missing	96	1	0.0
Not administered	98	7,425	83.3
Omitted	99	249	2.8
		8,912	100.0%

Variable Name : M032649A Car Rally/Average Speed (1)
Record Number : 1
Position : 377-378
Format : N2.0
Comment : M09 07A: Measurement\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	820	9.2
79 - Incorrect response	79	535	6.0
Missing	96	1	0.0
Not administered	98	7,425	83.3
Omitted	99	131	1.5
		8,912	100.0%

Variable Name : M032649B Car Rally/Average Speed One Section (1)
Record Number : 1
Position : 379-380
Format : N2.0
Comment : M09 07B: Measurement\Reasoning

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	363	4.1
70 - Incorrect response	70	338	3.8
79 - Incorrect response	79	616	6.9
Missing	96	1	0.0
Not administered	98	7,425	83.3
Omitted	99	169	1.9
		8,912	100.0%

Variable Name : M032533 A Machine Use 2.4 Liters of Gasoline (B)
Record Number : 1
Position : 381-381
Format : N1.0
Comment : M09 08: Number\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
A	1	300	3.4
B	2	820	9.2
C	3	225	2.5
D	4	114	1.3
Missing	6	1	0.0
Invalid	7	1	0.0
Not administered	8	7,425	83.3
Omitted	9	26	0.3
		8,912	100.0%

Variable Name : M032678 The Area of The Rectangle Abcd (D)
Record Number : 1
Position : 382-382
Format : N1.0
Comment : M09 09: Measurement\Using Concepts

Response	Codes Percent	Unweighted Frequency	
A	1	269	3.0
B	2	298	3.3
C	3	309	3.5
D	4	584	6.6
Missing	6	3	0.0
Invalid	7	0	0.0
Not administered	8	7,425	83.3
Omitted	9	24	0.3
		8,912	100.0%

Variable Name : M032403 Draw A Line To Divide Triangle Abc (1)
Record Number : 1
Position : 383-384
Format : N2.0
Comment : M09 10: Geometry\Knowing Facts and Procedures

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	815	9.1
70 - Incorrect response	70	362	4.1
79 - Incorrect response	79	227	2.6
Missing	96	3	0.0
Not administered	98	7,425	83.3
Omitted	99	80	0.9
		8,912	100.0%

Variable Name : M032261 Identify Similar Triangles (D)
Record Number : 1
Position : 385-385
Format : N1.0
Comment : M09 11: Geometry\Using Concepts

Response	Codes Percent	Unweighted Frequency	
A	1	287	3.2
B	2	412	4.6
C	3	88	1.0
D	4	683	7.7
Missing	6	4	0.0
Invalid	7	2	0.0
Not administered	8	7,425	83.3
Omitted	9	11	0.1
		8,912	100.0%

Variable Name : M032489 Which Could Folded Make A 3-D Figure (D)
Record Number : 1
Position : 386-386
Format : N1.0
Comment : M09 12: Geometry\Using Concepts

Response	Codes Percent	Unweighted Frequency	
A	1	189	2.1
B	2	66	0.7
C	3	68	0.8
D	4	1,147	12.9
Missing	6	5	0.1
Invalid	7	0	0.0
Not administered	8	7,425	83.3
Omitted	9	12	0.1
		8,912	100.0%

Variable Name : M032588 Which Point Could Coordinate (2, -4) (C)
Record Number : 1
Position : 387-387
Format : N1.0
Comment : M09 13: Geometry\Knowing Facts and Procedures

Response	Codes Percent	Unweighted Frequency	
A	1	98	1.1
B	2	157	1.8
C	3	1,074	12.1
D	4	140	1.6
Missing	6	6	0.1
Invalid	7	0	0.0
Not administered	8	7,425	83.3
Omitted	9	12	0.1
		8,912	100.0%

Variable Name : M032271 In A School There Were 1200 Students (C)
Record Number : 1
Position : 388-388
Format : N1.0
Comment : M09 14: Data\Reasoning

Response	Codes Percent	Unweighted Frequency	
A	1	328	3.7
B	2	159	1.8
C	3	882	9.9
D	4	89	1.0
Missing	6	6	0.1
Invalid	7	0	0.0
Not administered	8	7,425	83.3
Omitted	9	23	0.3
		8,912	100.0%

Variable Name : M032671 Garden With 14 Rows of 20 Plant Each (1)
Record Number : 1
Position : 389-390
Format : N2.0
Comment : M10 01: Number\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	1,175	13.2
79 - Incorrect response	79	295	3.3
Missing	96	1	0.0
Not administered	98	7,414	83.2
Omitted	99	27	0.3
		8,912	100.0%

Variable Name : M032612 The Value of 1 Minus 5 Times -2 (A)
Record Number : 1
Position : 391-391
Format : N1.0
Comment : M10 02: Number\Knowing Facts and Procedures

Response	Codes Percent	Unweighted Frequency	
A	1	574	6.4
B	2	357	4.0
C	3	238	2.7
D	4	310	3.5
Missing	6	1	0.0
Invalid	7	1	0.0
Not administered	8	7,414	83.2
Omitted	9	17	0.2
		8,912	100.0%

Variable Name : M032557 The Value of A + 2 Times (B Plus C) (1)
Record Number : 1
Position : 392-393
Format : N2.0
Comment : M10 03: Algebra\Reasoning

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	296	3.3
70 - Incorrect response	70	321	3.6
79 - Incorrect response	79	786	8.8
Missing	96	1	0.0
Not administered	98	7,414	83.2
Omitted	99	94	1.1
		8,912	100.0%

Variable Name : M032208 X Minus Y Equals 5 And X/2 Equals 3 (B)
Record Number : 1
Position : 394-394
Format : N1.0
Comment : M10 04: Algebra\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
A	1	323	3.6
B	2	938	10.5
C	3	141	1.6
D	4	82	0.9
Missing	6	2	0.0
Invalid	7	0	0.0
Not administered	8	7,414	83.2
Omitted	9	12	0.1
		8,912	100.0%

Variable Name : M032210 If A/B Equals 70 (A)
Record Number : 1
Position : 395-395
Format : N1.0
Comment : M10 05: Algebra\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
A	1	566	6.4
B	2	124	1.4
C	3	187	2.1
D	4	603	6.8
Missing	6	2	0.0
Invalid	7	0	0.0
Not administered	8	7,414	83.2
Omitted	9	16	0.2
		8,912	100.0%

Variable Name : M032699 The Unit Used For A Soccer Field (C)
Record Number : 1
Position : 396-396
Format : N1.0
Comment : M10 06: Measurement\Knowing Facts and Procedures

Response	Codes Percent	Unweighted Frequency	
A	1	92	1.0
B	2	59	0.7
C	3	1,141	12.8
D	4	197	2.2
Missing	6	2	0.0
Invalid	7	1	0.0
Not administered	8	7,414	83.2
Omitted	9	6	0.1
		8,912	100.0%

Variable Name : M032762 Phone Plans_Least Expens Plan Betty (2)
Record Number : 1
Position : 397-398
Format : N2.0
Comment : M10 07: Data\Reasoning

Response	Codes Percent	Unweighted Frequency	
10 - Partial response	10	141	1.6
20 - Correct response	20	531	6.0
70 - Incorrect response	70	475	5.3
71 - Incorrect response	71	215	2.4
79 - Incorrect response	79	101	1.1
Missing	96	2	0.0
Not administered	98	7,414	83.2
Omitted	99	33	0.4
		8,912	100.0%

Variable Name : M032763 Phone Plans_Cost of Plans For Frank (2)
Record Number : 1
Position : 399-400
Format : N2.0
Comment : M10 08: Data\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
10 - Partial response	10	27	0.3
11 - Partial response	11	68	0.8
20 - Correct response	20	110	1.2
79 - Incorrect response	79	1,166	13.1
Missing	96	3	0.0
Not administered	98	7,414	83.2
Omitted	99	124	1.4
		8,912	100.0%

Variable Name : M032764 Phone Plans_Minutes Talk By Darlene (2)
Record Number : 1
Position : 401-402
Format : N2.0
Comment : M10 09: Data\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
10 - Partial response	10	42	0.5
11 - Partial response	11	9	0.1
12 - Partial response	12	102	1.1
20 - Correct response	20	114	1.3
79 - Incorrect response	79	1,076	12.1
Missing	96	5	0.1
Not administered	98	7,414	83.2
Omitted	99	150	1.7
		8,912	100.0%

Variable Name : M032647 Oranges Are Packed In Boxes (B)
Record Number : 1
Position : 403-403
Format : N1.0
Comment : M10 10: Measurement\Reasoning

Response	Codes Percent	Unweighted Frequency	
A	1	282	3.2
B	2	741	8.3
C	3	354	4.0
D	4	102	1.1
Missing	6	5	0.1
Invalid	7	1	0.0
Not administered	8	7,414	83.2
Omitted	9	13	0.2
		8,912	100.0%

Variable Name : M032689 The Size of Angle Prq (C)
Record Number : 1
Position : 404-404
Format : N1.0
Comment : M10 11: Geometry\Using Concepts

Response	Codes Percent	Unweighted Frequency	
A	1	86	1.0
B	2	415	4.7
C	3	516	5.8
D	4	455	5.1
Missing	6	5	0.1
Invalid	7	0	0.0
Not administered	8	7,414	83.2
Omitted	9	21	0.2
		8,912	100.0%

Variable Name : M032094 4/100 Plus 3/1000 (A)
 Record Number : 1
 Position : 405-405
 Format : N1.0
 Comment : M11 01: Number\Using Concepts

Response	Codes Percent	Unweighted Frequency	
A	1	448	5.0
B	2	143	1.6
C	3	97	1.1
D	4	59	0.7
Missing	6	0	0.0
Invalid	7	0	0.0
Not administered	8	8,163	91.6
Omitted	9	2	0.0
		8,912	100.0%

Variable Name : MF32094 4/100 Plus 3/1000 (A)
 Record Number : 1
 Position : 406-406
 Format : N1.0
 Comment : M11 01: Number\Using Concepts

Response	Codes Percent	Unweighted Frequency	
A	1	378	4.2
B	2	160	1.8
C	3	107	1.2
D	4	63	0.7
Missing	6	13	0.2
Invalid	7	0	0.0
Not administered	8	8,173	91.7
Omitted	9	18	0.2
		8,912	100.0%

Variable Name : M032662 P And Q Are 2 Nr On The Number Line (D)
 Record Number : 1
 Position : 407-407
 Format : N1.0
 Comment : M11 02: Number\Using Concepts

Response	Codes Percent	Unweighted Frequency	
A	1	322	3.6
B	2	191	2.1
C	3	63	0.7
D	4	171	1.9
Missing	6	0	0.0
Invalid	7	1	0.0
Not administered	8	8,163	91.6
Omitted	9	1	0.0
		8,912	100.0%

Variable Name : MF32662 P And Q Are 2 Nr On The Number Line (D)
Record Number : 1
Position : 408-408
Format : N1.0
Comment : M11 02: Number\Using Concepts

Response	Codes Percent	Unweighted Frequency	
A	1	263	3.0
B	2	181	2.0
C	3	106	1.2
D	4	157	1.8
Missing	6	17	0.2
Invalid	7	0	0.0
Not administered	8	8,173	91.7
Omitted	9	15	0.2
		8,912	100.0%

Variable Name : M032064 A And J Divide 560 Zeds Between Them (1)
Record Number : 1
Position : 409-410
Format : N2.0
Comment : M11 03: Number\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	199	2.2
11 - Correct response	11	0	0.0
70 - Incorrect response	70	106	1.2
71 - Incorrect response	71	83	0.9
72 - Incorrect response	72	0	0.0
79 - Incorrect response	79	332	3.7
Missing	96	0	0.0
Not administered	98	8,163	91.6
Omitted	99	29	0.3
		8,912	100.0%

Variable Name : MF32064 A And J Divide 560 Zeds Between Them (1)
Record Number : 1
Position : 411-412
Format : N2.0
Comment : M11 03: Number\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	195	2.2
11 - Correct response	11	0	0.0
70 - Incorrect response	70	92	1.0
71 - Incorrect response	71	70	0.8
72 - Incorrect response	72	0	0.0
79 - Incorrect response	79	301	3.4
Missing	96	17	0.2
Not administered	98	8,173	91.7
Omitted	99	64	0.7
		8,912	100.0%

Variable Name : M032419 Which Represents 2X Plus 3X (C)
Record Number : 1
Position : 413-413
Format : N1.0
Comment : M11 04: Algebra\Using Concepts

Response	Codes Percent	Unweighted Frequency	
A	1	90	1.0
B	2	212	2.4
C	3	365	4.1
D	4	79	0.9
Missing	6	0	0.0
Invalid	7	0	0.0
Not administered	8	8,163	91.6
Omitted	9	3	0.0
		8,912	100.0%

Variable Name : MF32419 Which Represents 2X Plus 3X (C)
Record Number : 1
Position : 414-414
Format : N1.0
Comment : M11 04: Algebra\Using Concepts

Response	Codes Percent	Unweighted Frequency	
A	1	119	1.3
B	2	192	2.2
C	3	320	3.6
D	4	71	0.8
Missing	6	18	0.2
Invalid	7	0	0.0
Not administered	8	8,173	91.7
Omitted	9	19	0.2
		8,912	100.0%

Variable Name : M032477 The Cost Zeds For Taxi Trip of N Km (A)
Record Number : 1
Position : 415-415
Format : N1.0
Comment : M11 05: Algebra\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
A	1	430	4.8
B	2	168	1.9
C	3	94	1.1
D	4	40	0.5
Missing	6	0	0.0
Invalid	7	0	0.0
Not administered	8	8,163	91.6
Omitted	9	17	0.2
		8,912	100.0%

Variable Name : MF32477 The Cost Zeds For Taxi Trip of N Km (A)
Record Number : 1
Position : 416-416
Format : N1.0
Comment : M11 05: Algebra\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
A	1	364	4.1
B	2	196	2.2
C	3	104	1.2
D	4	38	0.4
Missing	6	22	0.3
Invalid	7	0	0.0
Not administered	8	8,173	91.7
Omitted	9	15	0.2
		8,912	100.0%

Variable Name : M032538 Find The Value of Y When T Is 9 (1)
Record Number : 1
Position : 417-418
Format : N2.0
Comment : M11 06: Algebra\Knowing Facts and Procedures

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	373	4.2
70 - Incorrect response	70	100	1.1
79 - Incorrect response	79	219	2.5
Missing	96	1	0.0
Not administered	98	8,163	91.6
Omitted	99	56	0.6
		8,912	100.0%

Variable Name : MF32538 Find The Value of Y When T Is 9 (1)
Record Number : 1
Position : 419-420
Format : N2.0
Comment : M11 06: Algebra\Knowing Facts and Procedures

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	314	3.5
70 - Incorrect response	70	101	1.1
79 - Incorrect response	79	223	2.5
Missing	96	25	0.3
Not administered	98	8,173	91.7
Omitted	99	76	0.9
		8,912	100.0%

Variable Name : M032324 Distance Betw Midpoints of Ab And Bc (D)
Record Number : 1
Position : 421-421
Format : N1.0
Comment : M11 07: Measurement\Reasoning

Response	Codes Percent	Unweighted Frequency	
A	1	105	1.2
B	2	177	2.0
C	3	229	2.6
D	4	212	2.4
Missing	6	1	0.0
Invalid	7	2	0.0
Not administered	8	8,163	91.6
Omitted	9	23	0.3
		8,912	100.0%

Variable Name : MF32324 Distance Betw Midpoints of Ab And Bc (D)
Record Number : 1
Position : 422-422
Format : N1.0
Comment : M11 07: Measurement\Reasoning

Response	Codes Percent	Unweighted Frequency	
A	1	109	1.2
B	2	207	2.3
C	3	198	2.2
D	4	173	1.9
Missing	6	26	0.3
Invalid	7	0	0.0
Not administered	8	8,173	91.7
Omitted	9	26	0.3
		8,912	100.0%

Variable Name : M032116 The Area of A Squar Is 144 Square Cm (B)
Record Number : 1
Position : 423-423
Format : N1.0
Comment : M11 08: Measurement\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
A	1	172	1.9
B	2	342	3.8
C	3	165	1.9
D	4	50	0.6
Missing	6	1	0.0
Invalid	7	1	0.0
Not administered	8	8,163	91.6
Omitted	9	18	0.2
		8,912	100.0%

Variable Name : MF32116 The Area of A Squar Is 144 Square Cm (B)
Record Number : 1
Position : 424-424
Format : N1.0
Comment : M11 08: Measurement\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
A	1	168	1.9
B	2	288	3.2
C	3	162	1.8
D	4	74	0.8
Missing	6	30	0.3
Invalid	7	1	0.0
Not administered	8	8,173	91.7
Omitted	9	16	0.2
		8,912	100.0%

Variable Name : M032100 A Shape Made Up Cubes of Same Size (D)
Record Number : 1
Position : 425-425
Format : N1.0
Comment : M11 09: Measurement\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
A	1	78	0.9
B	2	123	1.4
C	3	62	0.7
D	4	471	5.3
Missing	6	1	0.0
Invalid	7	0	0.0
Not administered	8	8,163	91.6
Omitted	9	14	0.2
		8,912	100.0%

Variable Name : MF32100 A Shape Made Up Cubes of Same Size (D)
Record Number : 1
Position : 426-426
Format : N1.0
Comment : M11 09: Measurement\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
A	1	96	1.1
B	2	129	1.5
C	3	88	1.0
D	4	386	4.3
Missing	6	35	0.4
Invalid	7	0	0.0
Not administered	8	8,173	91.7
Omitted	9	5	0.1
		8,912	100.0%

Variable Name : M032402 Why A Triangle Is Right Angle Triang (A)
Record Number : 1
Position : 427-427
Format : N1.0
Comment : M11 10: Geometry\Reasoning

Response	Codes Percent	Unweighted Frequency	
A	1	364	4.1
B	2	142	1.6
C	3	158	1.8
D	4	62	0.7
Missing	6	1	0.0
Invalid	7	1	0.0
Not administered	8	8,163	91.6
Omitted	9	21	0.2
		8,912	100.0%

Variable Name : MF32402 Why A Triangle Is Right Angle Triang (A)
Record Number : 1
Position : 428-428
Format : N1.0
Comment : M11 10: Geometry\Reasoning

Response	Codes Percent	Unweighted Frequency	
A	1	323	3.6
B	2	125	1.4
C	3	162	1.8
D	4	68	0.8
Missing	6	36	0.4
Invalid	7	1	0.0
Not administered	8	8,173	91.7
Omitted	9	24	0.3
		8,912	100.0%

Variable Name : M032734 How The Shape Look Viewed From Above (1)
Record Number : 1
Position : 429-430
Format : N2.0
Comment : M11 11: Geometry\Knowing Facts and Procedures

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	565	6.3
79 - Incorrect response	79	138	1.6
Missing	96	2	0.0
Not administered	98	8,163	91.6
Omitted	99	44	0.5
		8,912	100.0%

Variable Name : MF32734 How The Shape Look Viewed From Above (1)
Record Number : 1
Position : 431-432
Format : N2.0
Comment : M11 11: Geometry\Knowing Facts and Procedures

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	463	5.2
79 - Incorrect response	79	158	1.8
Missing	96	41	0.5
Not administered	98	8,173	91.7
Omitted	99	77	0.9
		8,912	100.0%

Variable Name : M032397 Figure 1 Transformed To 2 And 3 (B)
Record Number : 1
Position : 433-433
Format : N1.0
Comment : M11 12: Geometry\Using Concepts

Response	Codes Percent	Unweighted Frequency	
A	1	151	1.7
B	2	400	4.5
C	3	124	1.4
D	4	60	0.7
Missing	6	2	0.0
Invalid	7	0	0.0
Not administered	8	8,163	91.6
Omitted	9	12	0.1
		8,912	100.0%

Variable Name : MF32397 Figure 1 Transformed To 2 And 3 (B)
Record Number : 1
Position : 434-434
Format : N1.0
Comment : M11 12: Geometry\Using Concepts

Response	Codes Percent	Unweighted Frequency	
A	1	130	1.5
B	2	355	4.0
C	3	145	1.6
D	4	54	0.6
Missing	6	45	0.5
Invalid	7	0	0.0
Not administered	8	8,173	91.7
Omitted	9	10	0.1
		8,912	100.0%

Variable Name : M032695 Make A Pie Chart Showing Proportions (2)
Record Number : 1
Position : 435-436
Format : N2.0
Comment : M11 13: Data\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
10 - Partial response	10	49	0.6
11 - Partial response	11	25	0.3
20 - Correct response	20	465	5.2
70 - Incorrect response	70	43	0.5
79 - Incorrect response	79	137	1.5
Missing	96	2	0.0
Not administered	98	8,163	91.6
Omitted	99	28	0.3
		8,912	100.0%

Variable Name : MF32695 Make A Pie Chart Showing Proportions (2)
Record Number : 1
Position : 437-438
Format : N2.0
Comment : M11 13: Data\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
10 - Partial response	10	54	0.6
11 - Partial response	11	37	0.4
20 - Correct response	20	303	3.4
70 - Incorrect response	70	55	0.6
79 - Incorrect response	79	180	2.0
Missing	96	47	0.5
Not administered	98	8,173	91.7
Omitted	99	63	0.7
		8,912	100.0%

Variable Name : M032132 Likelihood Obt Pink Candy From Machi (D)
Record Number : 1
Position : 439-439
Format : N1.0
Comment : M11 14: Data\Using Concepts

Response	Codes Percent	Unweighted Frequency	
A	1	35	0.4
B	2	79	0.9
C	3	171	1.9
D	4	452	5.1
Missing	6	2	0.0
Invalid	7	0	0.0
Not administered	8	8,163	91.6
Omitted	9	10	0.1
		8,912	100.0%

Variable Name : MF32132 Likelihood Obt Pink Candy From Machi (D)
Record Number : 1
Position : 440-440
Format : N1.0
Comment : M11 14: Data\Using Concepts

Response	Codes Percent	Unweighted Frequency	
A	1	29	0.3
B	2	108	1.2
C	3	187	2.1
D	4	337	3.8
Missing	6	62	0.7
Invalid	7	0	0.0
Not administered	8	8,173	91.7
Omitted	9	16	0.2
		8,912	100.0%

Variable Name : M032352 The Shadow Lengths of Four Bushes (C)
Record Number : 1
Position : 441-441
Format : N1.0
Comment : M12 01: Number\Reasoning

Response	Codes Percent	Unweighted Frequency	
A	1	68	0.8
B	2	128	1.4
C	3	468	5.3
D	4	54	0.6
Missing	6	0	0.0
Invalid	7	0	0.0
Not administered	8	8,190	91.9
Omitted	9	4	0.0
		8,912	100.0%

Variable Name : MF32352 The Shadow Lengths of Four Bushes (C)
Record Number : 1
Position : 442-442
Format : N1.0
Comment : M12 01: Number\Reasoning

Response	Codes Percent	Unweighted Frequency	
A	1	77	0.9
B	2	134	1.5
C	3	445	5.0
D	4	50	0.6
Missing	6	10	0.1
Invalid	7	1	0.0
Not administered	8	8,182	91.8
Omitted	9	13	0.2
		8,912	100.0%

Variable Name : M032725 Write 3 5/6 In Decimal Form (1)
Record Number : 1
Position : 443-444
Format : N2.0
Comment : M12 02: Number\Knowing Facts and Procedures

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	193	2.2
70 - Incorrect response	70	51	0.6
79 - Incorrect response	79	432	4.9
Missing	96	0	0.0
Not administered	98	8,190	91.9
Omitted	99	46	0.5
		8,912	100.0%

Variable Name : MF32725 Write 3 5/6 In Decimal Form (1)
Record Number : 1
Position : 445-446
Format : N2.0
Comment : M12 02: Number\Knowing Facts and Procedures

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	203	2.3
70 - Incorrect response	70	44	0.5
79 - Incorrect response	79	415	4.7
Missing	96	14	0.2
Not administered	98	8,182	91.8
Omitted	99	54	0.6
		8,912	100.0%

Variable Name : M032683 Simplify $3X/8$ Plus $X/4$ Plus $X/2$ (2)
Record Number : 1
Position : 447-448
Format : N2.0
Comment : M12 03: Algebra\Using Concepts

Response	Codes Percent	Unweighted Frequency	
10 - Partial response	10	17	0.2
11 - Partial response	11	26	0.3
20 - Correct response	20	120	1.4
70 - Incorrect response	70	115	1.3
71 - Incorrect response	71	132	1.5
79 - Incorrect response	79	203	2.3
Missing	96	0	0.0
Not administered	98	8,190	91.9
Omitted	99	109	1.2
		8,912	100.0%

Variable Name : MF32683 Simplify $3X/8$ Plus $X/4$ Plus $X/2$ (2)
Record Number : 1
Position : 449-450
Format : N2.0
Comment : M12 03: Algebra\Using Concepts

Response	Codes Percent	Unweighted Frequency	
10 - Partial response	10	17	0.2
11 - Partial response	11	30	0.3
20 - Correct response	20	123	1.4
70 - Incorrect response	70	74	0.8
71 - Incorrect response	71	118	1.3
79 - Incorrect response	79	222	2.5
Missing	96	15	0.2
Not administered	98	8,182	91.8
Omitted	99	131	1.5
		8,912	100.0%

Variable Name : M032738 What Xy Plus 1 Mean (D)
Record Number : 1
Position : 451-451
Format : N1.0
Comment : M12 04: Algebra\Knowing Facts and Procedures

Response	Codes Percent	Unweighted Frequency	
A	1	27	0.3
B	2	56	0.6
C	3	63	0.7
D	4	575	6.5
Missing	6	0	0.0
Invalid	7	0	0.0
Not administered	8	8,190	91.9
Omitted	9	1	0.0
		8,912	100.0%

Variable Name : MF32738 What Xy Plus 1 Mean (D)
Record Number : 1
Position : 452-452
Format : N1.0
Comment : M12 04: Algebra\Knowing Facts and Procedures

Response	Codes Percent	Unweighted Frequency	
A	1	29	0.3
B	2	60	0.7
C	3	80	0.9
D	4	536	6.0
Missing	6	16	0.2
Invalid	7	1	0.0
Not administered	8	8,182	91.8
Omitted	9	8	0.1
		8,912	100.0%

Variable Name : M032295 There M Boys And N Girls In A Parade (A)
Record Number : 1
Position : 453-453
Format : N1.0
Comment : M12 05: Algebra\Using Concepts

Response	Codes Percent	Unweighted Frequency	
A	1	597	6.7
B	2	69	0.8
C	3	32	0.4
D	4	20	0.2
Missing	6	0	0.0
Invalid	7	0	0.0
Not administered	8	8,190	91.9
Omitted	9	4	0.0
		8,912	100.0%

Variable Name : MF32295 There M Boys And N Girls In A Parade (A)
Record Number : 1
Position : 454-454
Format : N1.0
Comment : M12 05: Algebra\Using Concepts

Response	Codes Percent	Unweighted Frequency	
A	1	551	6.2
B	2	71	0.8
C	3	53	0.6
D	4	26	0.3
Missing	6	17	0.2
Invalid	7	1	0.0
Not administered	8	8,182	91.8
Omitted	9	11	0.1
		8,912	100.0%

Variable Name : M032331 Degrees Minute Hand of A Clock Turns (B)
Record Number : 1
Position : 455-455
Format : N1.0
Comment : M12 06: Measurement\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
A	1	109	1.2
B	2	160	1.8
C	3	182	2.0
D	4	257	2.9
Missing	6	0	0.0
Invalid	7	0	0.0
Not administered	8	8,190	91.9
Omitted	9	14	0.2
		8,912	100.0%

Variable Name : MF32331 Degrees Minute Hand of A Clock Turns (B)
Record Number : 1
Position : 456-456
Format : N1.0
Comment : M12 06: Measurement\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
A	1	101	1.1
B	2	179	2.0
C	3	188	2.1
D	4	218	2.5
Missing	6	17	0.2
Invalid	7	1	0.0
Not administered	8	8,182	91.8
Omitted	9	26	0.3
		8,912	100.0%

Variable Name : M032623 The Area of Shaded Region In Figure (D)
Record Number : 1
Position : 457-457
Format : N1.0
Comment : M12 07: Measurement\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
A	1	135	1.5
B	2	112	1.3
C	3	213	2.4
D	4	254	2.9
Missing	6	0	0.0
Invalid	7	0	0.0
Not administered	8	8,190	91.9
Omitted	9	8	0.1
		8,912	100.0%

Variable Name : MF32623 The Area of Shaded Region In Figure (D)
Record Number : 1
Position : 458-458
Format : N1.0
Comment : M12 07: Measurement\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
A	1	106	1.2
B	2	114	1.3
C	3	213	2.4
D	4	250	2.8
Missing	6	22	0.3
Invalid	7	0	0.0
Not administered	8	8,182	91.8
Omitted	9	25	0.3
		8,912	100.0%

Variable Name : M032679 Shape of Cutout Figure (A)
 Record Number : 1
 Position : 459-459
 Format : N1.0
 Comment : M12 08: Geometry\Reasoning

Response	Codes Percent	Unweighted Frequency	
A	1	401	4.5
B	2	87	1.0
C	3	146	1.6
D	4	84	0.9
Missing	6	0	0.0
Invalid	7	0	0.0
Not administered	8	8,190	91.9
Omitted	9	4	0.0
		8,912	100.0%

Variable Name : MF32679 Shape of Cutout Figure (A)
 Record Number : 1
 Position : 460-460
 Format : N1.0
 Comment : M12 08: Geometry\Reasoning

Response	Codes Percent	Unweighted Frequency	
A	1	350	3.9
B	2	98	1.1
C	3	127	1.4
D	4	113	1.3
Missing	6	24	0.3
Invalid	7	0	0.0
Not administered	8	8,182	91.8
Omitted	9	18	0.2
		8,912	100.0%

Variable Name : M032047 Sum of 3 Consecutive Whole Numbers (B)
 Record Number : 1
 Position : 461-461
 Format : N1.0
 Comment : M12 09: Algebra\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
A	1	203	2.3
B	2	341	3.8
C	3	93	1.0
D	4	68	0.8
Missing	6	0	0.0
Invalid	7	0	0.0
Not administered	8	8,190	91.9
Omitted	9	17	0.2
		8,912	100.0%

Variable Name : MF32047 Sum of 3 Consecutive Whole Numbers (B)
Record Number : 1
Position : 462-462
Format : N1.0
Comment : M12 09: Algebra\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
A	1	216	2.4
B	2	281	3.2
C	3	97	1.1
D	4	74	0.8
Missing	6	25	0.3
Invalid	7	1	0.0
Not administered	8	8,182	91.8
Omitted	9	36	0.4
		8,912	100.0%

Variable Name : M032398 In Figure, Whats Value of Angle X (B)
Record Number : 1
Position : 463-463
Format : N1.0
Comment : M12 10: Geometry\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
A	1	248	2.8
B	2	251	2.8
C	3	162	1.8
D	4	49	0.6
Missing	6	0	0.0
Invalid	7	0	0.0
Not administered	8	8,190	91.9
Omitted	9	12	0.1
		8,912	100.0%

Variable Name : MF32398 In Figure, Whats Value of Angle X (B)
Record Number : 1
Position : 464-464
Format : N1.0
Comment : M12 10: Geometry\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
A	1	272	3.1
B	2	223	2.5
C	3	139	1.6
D	4	56	0.6
Missing	6	27	0.3
Invalid	7	0	0.0
Not administered	8	8,182	91.8
Omitted	9	13	0.2
		8,912	100.0%

Variable Name : M032507 Spinner:Time Expecte Fall Red Sector (C)
 Record Number : 1
 Position : 465-465
 Format : N1.0
 Comment : M12 11: Data\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
A	1	191	2.1
B	2	112	1.3
C	3	285	3.2
D	4	126	1.4
Missing	6	0	0.0
Invalid	7	0	0.0
Not administered	8	8,190	91.9
Omitted	9	8	0.1
		8,912	100.0%

Variable Name : MF32507 Spinner:Time Expecte Fall Red Sector (C)
 Record Number : 1
 Position : 466-466
 Format : N1.0
 Comment : M12 11: Data\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
A	1	237	2.7
B	2	113	1.3
C	3	246	2.8
D	4	91	1.0
Missing	6	33	0.4
Invalid	7	1	0.0
Not administered	8	8,182	91.8
Omitted	9	9	0.1
		8,912	100.0%

Variable Name : M032424 Jo Has 3 Metal Blocks To Weigh (C)
 Record Number : 1
 Position : 467-467
 Format : N1.0
 Comment : M12 12: Algebra\Reasoning

Response	Codes Percent	Unweighted Frequency	
A	1	88	1.0
B	2	72	0.8
C	3	454	5.1
D	4	99	1.1
Missing	6	0	0.0
Invalid	7	2	0.0
Not administered	8	8,190	91.9
Omitted	9	7	0.1
		8,912	100.0%

Variable Name : MF32424 Jo Has 3 Metal Blocks To Weigh (C)
Record Number : 1
Position : 468-468
Format : N1.0
Comment : M12 12: Algebra\Reasoning

Response	Codes Percent	Unweighted Frequency	
A	1	113	1.3
B	2	104	1.2
C	3	361	4.1
D	4	106	1.2
Missing	6	36	0.4
Invalid	7	3	0.0
Not administered	8	8,182	91.8
Omitted	9	7	0.1
		8,912	100.0%

Variable Name : M032681A Car Prod Graph/Time 250 Car Produced (1)
Record Number : 1
Position : 469-470
Format : N2.0
Comment : M12 13A: Data\Knowing Facts and Procedures

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	464	5.2
70 - Incorrect response	70	190	2.1
79 - Incorrect response	79	52	0.6
Missing	96	0	0.0
Not administered	98	8,190	91.9
Omitted	99	16	0.2
		8,912	100.0%

Variable Name : MF32681A Car Prod Graph/Time 250 Car Produced (1)
Record Number : 1
Position : 471-472
Format : N2.0
Comment : M12 13A: Data\Knowing Facts and Procedures

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	394	4.4
70 - Incorrect response	70	168	1.9
79 - Incorrect response	79	92	1.0
Missing	96	39	0.4
Not administered	98	8,182	91.8
Omitted	99	37	0.4
		8,912	100.0%

Variable Name : M032681B Car Prod Graph/Average Cars Produced (1)
Record Number : 1
Position : 473-474
Format : N2.0
Comment : M12 13B: Data\Reasoning

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	331	3.7
70 - Incorrect response	70	46	0.5
79 - Incorrect response	79	312	3.5
Missing	96	0	0.0
Not administered	98	8,190	91.9
Omitted	99	33	0.4
		8,912	100.0%

Variable Name : MF32681B Car Prod Graph/Average Cars Produced (1)
Record Number : 1
Position : 475-476
Format : N2.0
Comment : M12 13B: Data\Reasoning

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	289	3.2
70 - Incorrect response	70	50	0.6
79 - Incorrect response	79	297	3.3
Missing	96	76	0.9
Not administered	98	8,182	91.8
Omitted	99	18	0.2
		8,912	100.0%

Variable Name : M032681C Car Production Graph/Identify Time (1)
Record Number : 1
Position : 477-478
Format : N2.0
Comment : M12 13C: Data\Reasoning

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	419	4.7
79 - Incorrect response	79	284	3.2
Missing	96	0	0.0
Not administered	98	8,190	91.9
Omitted	99	19	0.2
		8,912	100.0%

Variable Name : MF32681C Car Production Graph/Identify Time (1)
Record Number : 1
Position : 479-480
Format : N2.0
Comment : M12 13C: Data\Reasoning

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	364	4.1
79 - Incorrect response	79	287	3.2
Missing	96	77	0.9
Not administered	98	8,182	91.8
Omitted	99	2	0.0
		8,912	100.0%

Variable Name : M032609 The Closest 11 Square Plus 9 Squared (D)
Record Number : 1
Position : 481-481
Format : N1.0
Comment : M13 01: Number\Knowing Facts and Procedures

Response	Codes Percent	Unweighted Frequency	
A	1	63	0.7
B	2	42	0.5
C	3	22	0.3
D	4	607	6.8
Missing	6	0	0.0
Invalid	7	0	0.0
Not administered	8	8,173	91.7
Omitted	9	5	0.1
		8,912	100.0%

Variable Name : MF32609 The Closest 11 Square Plus 9 Squared (D)
Record Number : 1
Position : 482-482
Format : N1.0
Comment : M13 01: Number\Knowing Facts and Procedures

Response	Codes Percent	Unweighted Frequency	
A	1	55	0.6
B	2	46	0.5
C	3	38	0.4
D	4	595	6.7
Missing	6	6	0.1
Invalid	7	0	0.0
Not administered	8	8,163	91.6
Omitted	9	9	0.1
		8,912	100.0%

Variable Name : M032690 Which Equ 370 Tim 998 Plus 370 Tim 2 (A)
Record Number : 1
Position : 483-483
Format : N1.0
Comment : M13 02: Number\Knowing Facts and Procedures

Response	Codes Percent	Unweighted Frequency	
A	1	369	4.1
B	2	48	0.5
C	3	178	2.0
D	4	132	1.5
Missing	6	0	0.0
Invalid	7	2	0.0
Not administered	8	8,173	91.7
Omitted	9	10	0.1
		8,912	100.0%

Variable Name : MF32690 Which Equ 370 Tim 998 Plus 370 Tim 2 (A)
Record Number : 1
Position : 484-484
Format : N1.0
Comment : M13 02: Number\Knowing Facts and Procedures

Response	Codes Percent	Unweighted Frequency	
A	1	357	4.0
B	2	45	0.5
C	3	163	1.8
D	4	156	1.8
Missing	6	8	0.1
Invalid	7	0	0.0
Not administered	8	8,163	91.6
Omitted	9	20	0.2
		8,912	100.0%

Variable Name : M032727 Three Brothers Receive 45000 Zeds (D)
Record Number : 1
Position : 485-485
Format : N1.0
Comment : M13 03: Number\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
A	1	106	1.2
B	2	144	1.6
C	3	167	1.9
D	4	318	3.6
Missing	6	0	0.0
Invalid	7	0	0.0
Not administered	8	8,173	91.7
Omitted	9	4	0.0
		8,912	100.0%

Variable Name : MF32727 Three Brothers Receive 45000 Zeds (D)
Record Number : 1
Position : 486-486
Format : N1.0
Comment : M13 03: Number\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
A	1	108	1.2
B	2	157	1.8
C	3	148	1.7
D	4	302	3.4
Missing	6	12	0.1
Invalid	7	0	0.0
Not administered	8	8,163	91.6
Omitted	9	22	0.3
		8,912	100.0%

Variable Name : M032743 Geo Tiling_Makes Symmetrical Pattern (2)
Record Number : 1
Position : 487-488
Format : N2.0
Comment : M13 04: Geometry\Using Concepts

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	495	5.6
70 - Incorrect response	70	28	0.3
79 - Incorrect response	79	118	1.3
Missing	96	0	0.0
Not administered	98	8,173	91.7
Omitted	99	98	1.1
		8,912	100.0%

Variable Name : MF32743 Geo Tiling_Makes Symmetrical Pattern (2)
Record Number : 1
Position : 489-490
Format : N2.0
Comment : M13 04: Geometry\Using Concepts

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	463	5.2
70 - Incorrect response	70	34	0.4
79 - Incorrect response	79	129	1.5
Missing	96	16	0.2
Not administered	98	8,163	91.6
Omitted	99	107	1.2
		8,912	100.0%

Variable Name : M032744 Geo Tiling_Identify Cell With Letter (1)
Record Number : 1
Position : 491-492
Format : N2.0
Comment : M13 05: Algebra\Using Concepts

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	353	4.0
70 - Incorrect response	70	201	2.3
79 - Incorrect response	79	122	1.4
Missing	96	2	0.0
Not administered	98	8,173	91.7
Omitted	99	61	0.7
		8,912	100.0%

Variable Name : MF32744 Geo Tiling_Identify Cell With Letter (1)
Record Number : 1
Position : 493-494
Format : N2.0
Comment : M13 05: Algebra\Using Concepts

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	297	3.3
70 - Incorrect response	70	212	2.4
79 - Incorrect response	79	122	1.4
Missing	96	26	0.3
Not administered	98	8,163	91.6
Omitted	99	92	1.0
		8,912	100.0%

Variable Name : M032745 Geo Tiling_Produce Pattern Use Lette (2)
Record Number : 1
Position : 495-496
Format : N2.0
Comment : M13 06: Geometry\Reasoning

Response	Codes Percent	Unweighted Frequency	
10 - Partial response	10	62	0.7
20 - Correct response	20	45	0.5
70 - Incorrect response	70	68	0.8
79 - Incorrect response	79	405	4.5
Missing	96	2	0.0
Not administered	98	8,173	91.7
Omitted	99	157	1.8
		8,912	100.0%

Variable Name : MF32745 Geo Tiling_Produce Pattern Use Lette (2)
Record Number : 1
Position : 497-498
Format : N2.0
Comment : M13 06: Geometry\Reasoning

Response	Codes Percent	Unweighted Frequency	
10 - Partial response	10	42	0.5
20 - Correct response	20	42	0.5
70 - Incorrect response	70	36	0.4
79 - Incorrect response	79	401	4.5
Missing	96	39	0.4
Not administered	98	8,163	91.6
Omitted	99	189	2.1
		8,912	100.0%

Variable Name : M032233 A Computer Club Had 40 Members (2)
Record Number : 1
Position : 499-500
Format : N2.0
Comment : M13 07: Number\Reasoning

Response	Codes Percent	Unweighted Frequency	
10 - Partial response	10	16	0.2
11 - Partial response	11	9	0.1
12 - Partial response	12	24	0.3
20 - Correct response	20	102	1.1
70 - Incorrect response	70	193	2.2
79 - Incorrect response	79	325	3.7
Missing	96	4	0.0
Not administered	98	8,173	91.7
Omitted	99	66	0.7
		8,912	100.0%

Variable Name : MF32233 A Computer Club Had 40 Members (2)
Record Number : 1
Position : 501-502
Format : N2.0
Comment : M13 07: Number\Reasoning

Response	Codes Percent	Unweighted Frequency	
10 - Partial response	10	12	0.1
11 - Partial response	11	2	0.0
12 - Partial response	12	30	0.3
20 - Correct response	20	88	1.0
70 - Incorrect response	70	179	2.0
79 - Incorrect response	79	306	3.4
Missing	96	48	0.5
Not administered	98	8,163	91.6
Omitted	99	84	0.9
		8,912	100.0%

Variable Name : M032670 The Number Closest To 10 (B)
Record Number : 1
Position : 503-503
Format : N1.0
Comment : M13 08: Number\Using Concepts

Response	Codes Percent	Unweighted Frequency	
A	1	43	0.5
B	2	631	7.1
C	3	49	0.6
D	4	2	0.0
Missing	6	7	0.1
Invalid	7	0	0.0
Not administered	8	8,173	91.7
Omitted	9	7	0.1
		8,912	100.0%

Variable Name : MF32670 The Number Closest To 10 (B)
Record Number : 1
Position : 504-504
Format : N1.0
Comment : M13 08: Number\Using Concepts

Response	Codes Percent	Unweighted Frequency	
A	1	49	0.6
B	2	578	6.5
C	3	52	0.6
D	4	4	0.0
Missing	6	57	0.6
Invalid	7	0	0.0
Not administered	8	8,163	91.6
Omitted	9	9	0.1
		8,912	100.0%

Variable Name : M032447 The Ratio of The Shaded Area Unshade (A)
Record Number : 1
Position : 505-505
Format : N1.0
Comment : M13 09: Number\Knowing Facts and Procedures

Response	Codes Percent	Unweighted Frequency	
A	1	353	4.0
B	2	145	1.6
C	3	128	1.4
D	4	79	0.9
Missing	6	7	0.1
Invalid	7	0	0.0
Not administered	8	8,173	91.7
Omitted	9	27	0.3
		8,912	100.0%

Variable Name : MF32447 The Ratio of The Shaded Area Unshade (A)
Record Number : 1
Position : 506-506
Format : N1.0
Comment : M13 09: Number\Knowing Facts and Procedures

Response	Codes Percent	Unweighted Frequency	
A	1	298	3.3
B	2	155	1.7
C	3	106	1.2
D	4	89	1.0
Missing	6	61	0.7
Invalid	7	0	0.0
Not administered	8	8,163	91.6
Omitted	9	40	0.5
		8,912	100.0%

Variable Name : M032036 Which Equa 2X Min 3X Plus 7X Plus 5Y (C)
Record Number : 1
Position : 507-507
Format : N1.0
Comment : M13 10: Algebra\Knowing Facts and Procedures

Response	Codes Percent	Unweighted Frequency	
A	1	68	0.8
B	2	135	1.5
C	3	355	4.0
D	4	151	1.7
Missing	6	9	0.1
Invalid	7	0	0.0
Not administered	8	8,173	91.7
Omitted	9	21	0.2
		8,912	100.0%

Variable Name : MF32036 Which Equa 2X Min 3X Plus 7X Plus 5Y (C)
Record Number : 1
Position : 508-508
Format : N1.0
Comment : M13 10: Algebra\Knowing Facts and Procedures

Response	Codes Percent	Unweighted Frequency	
A	1	68	0.8
B	2	144	1.6
C	3	322	3.6
D	4	103	1.2
Missing	6	91	1.0
Invalid	7	0	0.0
Not administered	8	8,163	91.6
Omitted	9	21	0.2
		8,912	100.0%

Variable Name : M032728 X Plus 3Y Eq 11 And 2X Plus 3Y Eq 13 (A)
Record Number : 1
Position : 509-509
Format : N1.0
Comment : M13 11: Algebra\Knowing Facts and Procedures

Response	Codes Percent	Unweighted Frequency	
A	1	359	4.0
B	2	190	2.1
C	3	106	1.2
D	4	47	0.5
Missing	6	10	0.1
Invalid	7	0	0.0
Not administered	8	8,173	91.7
Omitted	9	27	0.3
		8,912	100.0%

Variable Name : MF32728 X Plus 3Y Eq 11 And 2X Plus 3Y Eq 13 (A)
Record Number : 1
Position : 510-510
Format : N1.0
Comment : M13 11: Algebra\Knowing Facts and Procedures

Response	Codes Percent	Unweighted Frequency	
A	1	297	3.3
B	2	190	2.1
C	3	102	1.1
D	4	37	0.4
Missing	6	99	1.1
Invalid	7	0	0.0
Not administered	8	8,163	91.6
Omitted	9	24	0.3
		8,912	100.0%

Variable Name : M032732 Measure of The Area of A Triangle (C)
Record Number : 1
Position : 511-511
Format : N1.0
Comment : M13 12: Measurement\Knowing Facts and Procedures

Response	Codes Percent	Unweighted Frequency	
A	1	53	0.6
B	2	116	1.3
C	3	350	3.9
D	4	191	2.1
Missing	6	10	0.1
Invalid	7	1	0.0
Not administered	8	8,173	91.7
Omitted	9	18	0.2
		8,912	100.0%

Variable Name : MF32732 Measure of The Area of A Triangle (C)
Record Number : 1
Position : 512-512
Format : N1.0
Comment : M13 12: Measurement\Knowing Facts and Procedures

Response	Codes Percent	Unweighted Frequency	
A	1	54	0.6
B	2	99	1.1
C	3	329	3.7
D	4	153	1.7
Missing	6	110	1.2
Invalid	7	1	0.0
Not administered	8	8,163	91.6
Omitted	9	3	0.0
		8,912	100.0%

Variable Name : M032166 Best Estimate (7.21 Time 3.86)/10.09 (B)
Record Number : 1
Position : 513-513
Format : N1.0
Comment : M14 01: Number\Knowing Facts and Procedures

Response	Codes Percent	Unweighted Frequency	
A	1	53	0.6
B	2	569	6.4
C	3	40	0.5
D	4	61	0.7
Missing	6	1	0.0
Invalid	7	0	0.0
Not administered	8	8,182	91.8
Omitted	9	6	0.1
		8,912	100.0%

Variable Name : MF32166 Best Estimate (7.21 Time 3.86)/10.09 (B)
Record Number : 1
Position : 514-514
Format : N1.0
Comment : M14 01: Number\Knowing Facts and Procedures

Response	Codes Percent	Unweighted Frequency	
A	1	54	0.6
B	2	587	6.6
C	3	37	0.4
D	4	64	0.7
Missing	6	5	0.1
Invalid	7	0	0.0
Not administered	8	8,160	91.6
Omitted	9	5	0.1
		8,912	100.0%

Variable Name : M032721 Sales Two Types Drink Over 4 Years (B)
Record Number : 1
Position : 515-515
Format : N1.0
Comment : M14 02: Data\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
A	1	241	2.7
B	2	325	3.7
C	3	120	1.4
D	4	35	0.4
Missing	6	1	0.0
Invalid	7	0	0.0
Not administered	8	8,182	91.8
Omitted	9	8	0.1
		8,912	100.0%

Variable Name : MF32721 Sales Two Types Drink Over 4 Years (B)
Record Number : 1
Position : 516-516
Format : N1.0
Comment : M14 02: Data\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
A	1	204	2.3
B	2	318	3.6
C	3	158	1.8
D	4	56	0.6
Missing	6	5	0.1
Invalid	7	0	0.0
Not administered	8	8,160	91.6
Omitted	9	11	0.1
		8,912	100.0%

Variable Name : M032757 Red+Black Tiles_Complete Table (2)
Record Number : 1
Position : 517-518
Format : N2.0
Comment : M14 03: Algebra\Reasoning

Response	Codes Percent	Unweighted Frequency	
10 - Partially correct response	10	28	0.3
20 - Correct response	20	405	4.5
70 - Incorrect response	70	66	0.7
79 - Incorrect response	79	149	1.7
Missing	96	2	0.0
Not administered	98	8,182	91.8
Omitted	99	80	0.9
		8,912	100.0%

Variable Name : MF32757 Red+Black Tiles_Complete Table (2)
Record Number : 1
Position : 519-520
Format : N2.0
Comment : M14 03: Algebra\Reasoning

Response	Codes Percent	Unweighted Frequency	
10 - Partially correct response	10	41	0.5
20 - Correct response	20	376	4.2
70 - Incorrect response	70	107	1.2
79 - Incorrect response	79	147	1.7
Missing	96	5	0.1
Not administered	98	8,160	91.6
Omitted	99	76	0.9
		8,912	100.0%

Variable Name : M032760A Red+Black Tiles_Fig With 64 Tile Tot (2)
Record Number : 1
Position : 521-522
Format : N2.0
Comment : M14 04A: Algebra\Reasoning

Response	Codes Percent	Unweighted Frequency	
10 - Partially correct response	10	28	0.3
11 - Partially correct response	11	7	0.1
20 - Correct response	20	213	2.4
79 - Incorrect response	79	421	4.7
Missing	96	3	0.0
Not administered	98	8,182	91.8
Omitted	99	58	0.7
		8,912	100.0%

Variable Name : MF32760A Red+Black Tiles_Fig With 64 Tile Tot (2)
Record Number : 1
Position : 523-524
Format : N2.0
Comment : M14 04A: Algebra\Reasoning

Response	Codes Percent	Unweighted Frequency	
10 - Partially correct response	10	19	0.2
11 - Partially correct response	11	17	0.2
20 - Correct response	20	227	2.6
79 - Incorrect response	79	403	4.5
Missing	96	16	0.2
Not administered	98	8,160	91.6
Omitted	99	70	0.8
		8,912	100.0%

Variable Name : M032760B Red+Black Tiles_Fig With 49 Bla Tile (1)
Record Number : 1
Position : 525-526
Format : N2.0
Comment : M14 04B: Algebra\Reasoning

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	155	1.7
79 - Incorrect response	79	497	5.6
Missing	96	4	0.0
Not administered	98	8,182	91.8
Omitted	99	74	0.8
		8,912	100.0%

Variable Name : MF32760B Red+Black Tiles_Fig With 49 Bla Tile (1)
Record Number : 1
Position : 527-528
Format : N2.0
Comment : M14 04B: Algebra\Reasoning

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	147	1.7
79 - Incorrect response	79	496	5.6
Missing	96	23	0.3
Not administered	98	8,160	91.6
Omitted	99	86	1.0
		8,912	100.0%

Variable Name : M032760C Red+Black Tiles_Fig With 44 Red Tile (1)
Record Number : 1
Position : 529-530
Format : N2.0
Comment : M14 04C: Algebra\Reasoning

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	101	1.1
79 - Incorrect response	79	537	6.0
Missing	96	4	0.0
Not administered	98	8,182	91.8
Omitted	99	88	1.0
		8,912	100.0%

Variable Name : MF32760C Red+Black Tiles_Fig With 44 Red Tile (1)
Record Number : 1
Position : 531-532
Format : N2.0
Comment : M14 04C: Algebra\Reasoning

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	102	1.1
79 - Incorrect response	79	532	6.0
Missing	96	28	0.3
Not administered	98	8,160	91.6
Omitted	99	90	1.0
		8,912	100.0%

Variable Name : M032761 Red+Black Tiles_Figure N (2)
Record Number : 1
Position : 533-534
Format : N2.0
Comment : M14 05: Algebra\Reasoning

Response	Codes Percent	Unweighted Frequency	
10 - Partially correct response	10	3	0.0
11 - Partially correct response	11	75	0.8
20 - Correct response	20	20	0.2
21 - Correct response	21	25	0.3
70 - Incorrect response	70	202	2.3
79 - Incorrect response	79	151	1.7
Missing	96	4	0.0
Not administered	98	8,182	91.8
Omitted	99	250	2.8
		8,912	100.0%

Variable Name : MF32761 Red+Black Tiles_Figure N (2)
Record Number : 1
Position : 535-536
Format : N2.0
Comment : M14 05: Algebra\Reasoning

Response	Codes Percent	Unweighted Frequency	
10 - Partially correct response	10	4	0.0
11 - Partially correct response	11	73	0.8
20 - Correct response	20	21	0.2
21 - Correct response	21	24	0.3
70 - Incorrect response	70	208	2.3
79 - Incorrect response	79	167	1.9
Missing	96	30	0.3
Not administered	98	8,160	91.6
Omitted	99	225	2.5
		8,912	100.0%

Variable Name : M032692 Sum of Interior Angle Pentagon Abcde (2)
Record Number : 1
Position : 537-538
Format : N2.0
Comment : M14 06: Geometry\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
10 - Partial response	10	23	0.3
20 - Correct response	20	66	0.7
79 - Incorrect response	79	432	4.9
Missing	96	4	0.0
Not administered	98	8,182	91.8
Omitted	99	205	2.3
		8,912	100.0%

Variable Name : MF32692 Sum of Interior Angle Pentagon Abcde (2)
Record Number : 1
Position : 539-540
Format : N2.0
Comment : M14 06: Geometry\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
10 - Partial response	10	27	0.3
20 - Correct response	20	55	0.6
79 - Incorrect response	79	487	5.5
Missing	96	39	0.4
Not administered	98	8,160	91.6
Omitted	99	144	1.6
		8,912	100.0%

Variable Name : M032626 36 Expressed As Product Prime Factor (D)
Record Number : 1
Position : 541-541
Format : N1.0
Comment : M14 07: Number\Knowing Facts and Procedures

Response	Codes Percent	Unweighted Frequency	
A	1	150	1.7
B	2	47	0.5
C	3	50	0.6
D	4	469	5.3
Missing	6	5	0.1
Invalid	7	0	0.0
Not administered	8	8,182	91.8
Omitted	9	9	0.1
		8,912	100.0%

Variable Name : MF32626 36 Expressed As Product Prime Factor (D)
Record Number : 1
Position : 542-542
Format : N1.0
Comment : M14 07: Number\Knowing Facts and Procedures

Response	Codes Percent	Unweighted Frequency	
A	1	175	2.0
B	2	50	0.6
C	3	40	0.5
D	4	439	4.9
Missing	6	44	0.5
Invalid	7	0	0.0
Not administered	8	8,160	91.6
Omitted	9	4	0.0
		8,912	100.0%

Variable Name : M032595 The Percentage of Caps For Sale (C)
Record Number : 1
Position : 543-543
Format : N1.0
Comment : M14 08: Data\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
A	1	183	2.1
B	2	65	0.7
C	3	438	4.9
D	4	29	0.3
Missing	6	5	0.1
Invalid	7	0	0.0
Not administered	8	8,182	91.8
Omitted	9	10	0.1
		8,912	100.0%

Variable Name : MF32595 The Percentage of Caps For Sale (C)
Record Number : 1
Position : 544-544
Format : N1.0
Comment : M14 08: Data\Solving Routine Problems

Response	Codes Percent	Unweighted Frequency	
A	1	206	2.3
B	2	76	0.9
C	3	385	4.3
D	4	30	0.3
Missing	6	45	0.5
Invalid	7	0	0.0
Not administered	8	8,160	91.6
Omitted	9	10	0.1
		8,912	100.0%

Variable Name : M032673 If T Is A Number Between 6 And 9 (C)
Record Number : 1
Position : 545-545
Format : N1.0
Comment : M14 09: Algebra\Using Concepts

Response	Codes Percent	Unweighted Frequency	
A	1	115	1.3
B	2	145	1.6
C	3	426	4.8
D	4	23	0.3
Missing	6	8	0.1
Invalid	7	0	0.0
Not administered	8	8,182	91.8
Omitted	9	13	0.2
		8,912	100.0%

Variable Name : MF32673 If T Is A Number Between 6 And 9 (C)
Record Number : 1
Position : 546-546
Format : N1.0
Comment : M14 09: Algebra\Using Concepts

Response	Codes Percent	Unweighted Frequency	
A	1	94	1.1
B	2	144	1.6
C	3	440	4.9
D	4	16	0.2
Missing	6	53	0.6
Invalid	7	0	0.0
Not administered	8	8,160	91.6
Omitted	9	5	0.1
		8,912	100.0%

Variable Name : S012025 Particles In Nucleus of Atom (B)
Record Number : 1
Position : 547-547
Format : N1.0
Comment : S01 01: Chemistry\Factual Knowledge (T)

Response	Codes Percent	Unweighted Frequency	
A	1	106	1.2
B	2	828	9.3
C	3	316	3.6
D	4	187	2.1
Missing	6	0	0.0
Invalid	7	0	0.0
Not administered	8	7,472	83.8
Omitted	9	3	0.0
		8,912	100.0%

Variable Name : SF12025 Particles In Nucleus of Atom (B)
Record Number : 1
Position : 548-548
Format : N1.0
Comment : S01 01: Chemistry\Factual Knowledge (T)

Response	Codes Percent	Unweighted Frequency	
A	1	62	0.7
B	2	421	4.7
C	3	162	1.8
D	4	91	1.0
Missing	6	10	0.1
Invalid	7	0	0.0
Not administered	8	8,160	91.6
Omitted	9	6	0.1
		8,912	100.0%

Variable Name : S012026 Son Inherits Traits (C)
Record Number : 1
Position : 549-549
Format : N1.0
Comment : S01 02: Life Science\Conceptual Understanding (T)

Response	Codes Percent	Unweighted Frequency	
A	1	22	0.3
B	2	12	0.1
C	3	1,347	15.1
D	4	57	0.6
Missing	6	0	0.0
Invalid	7	0	0.0
Not administered	8	7,472	83.8
Omitted	9	2	0.0
		8,912	100.0%

Variable Name : SF12026 Son Inherits Traits (C)
Record Number : 1
Position : 550-550
Format : N1.0
Comment : S01 02: Life Science\Conceptual Understanding (T)

Response	Codes Percent	Unweighted Frequency	
A	1	23	0.3
B	2	11	0.1
C	3	667	7.5
D	4	30	0.3
Missing	6	12	0.1
Invalid	7	0	0.0
Not administered	8	8,160	91.6
Omitted	9	9	0.1
		8,912	100.0%

Variable Name : S012027 Time/Temperature Table (D)
 Record Number : 1
 Position : 551-551
 Format : N1.0
 Comment : S01 03: Earth Science\Reasoning and Analysis (T)

Response	Codes Percent	Unweighted Frequency	
A	1	19	0.2
B	2	82	0.9
C	3	32	0.4
D	4	1,206	13.5
E	5	100	1.1
Missing	6	0	0.0
Invalid	7	0	0.0
Not administered	8	7,472	83.8
Omitted	9	1	0.0
		8,912	100.0%

Variable Name : SF12027 Time/Temperature Table (D)
 Record Number : 1
 Position : 552-552
 Format : N1.0
 Comment : S01 03: Earth Science\Reasoning and Analysis (T)

Response	Codes Percent	Unweighted Frequency	
A	1	18	0.2
B	2	55	0.6
C	3	20	0.2
D	4	600	6.7
E	5	40	0.5
Missing	6	15	0.2
Invalid	7	0	0.0
Not administered	8	8,160	91.6
Omitted	9	4	0.0
		8,912	100.0%

Variable Name : S012028 Characteristics of Animal Groups (A)
 Record Number : 1
 Position : 553-553
 Format : N1.0
 Comment : S01 04: Life Science\Conceptual Understanding (T)

Response	Codes Percent	Unweighted Frequency	
A	1	888	10.0
B	2	80	0.9
C	3	307	3.4
D	4	164	1.8
Missing	6	0	0.0
Invalid	7	0	0.0
Not administered	8	7,472	83.8
Omitted	9	1	0.0
		8,912	100.0%

Variable Name : SF12028 Characteristics of Animal Groups (A)
Record Number : 1
Position : 554-554
Format : N1.0
Comment : S01 04: Life Science\Conceptual Understanding (T)

Response	Codes Percent	Unweighted Frequency	
A	1	438	4.9
B	2	58	0.7
C	3	138	1.6
D	4	95	1.1
Missing	6	18	0.2
Invalid	7	0	0.0
Not administered	8	8,160	91.6
Omitted	9	5	0.1
		8,912	100.0%

Variable Name : S012029 Shadow Size From Distance Diagram (D)
Record Number : 1
Position : 555-555
Format : N1.0
Comment : S01 05: Physics\Reasoning and Analysis (T)

Response	Codes Percent	Unweighted Frequency	
A	1	125	1.4
B	2	202	2.3
C	3	218	2.5
D	4	886	9.9
Missing	6	0	0.0
Invalid	7	1	0.0
Not administered	8	7,472	83.8
Omitted	9	8	0.1
		8,912	100.0%

Variable Name : SF12029 Shadow Size From Distance Diagram (D)
Record Number : 1
Position : 556-556
Format : N1.0
Comment : S01 05: Physics\Reasoning and Analysis (T)

Response	Codes Percent	Unweighted Frequency	
A	1	77	0.9
B	2	125	1.4
C	3	139	1.6
D	4	379	4.3
Missing	6	20	0.2
Invalid	7	0	0.0
Not administered	8	8,160	91.6
Omitted	9	12	0.1
		8,912	100.0%

Variable Name : S012030 Stone In Underground Caves (B)
Record Number : 1
Position : 557-557
Format : N1.0
Comment : S01 06: Earth Science\Factual Knowledge (T)

Response	Codes Percent	Unweighted Frequency	
A	1	276	3.1
B	2	636	7.1
C	3	437	4.9
D	4	83	0.9
Missing	6	0	0.0
Invalid	7	1	0.0
Not administered	8	7,472	83.8
Omitted	9	7	0.1
		8,912	100.0%

Variable Name : SF12030 Stone In Underground Caves (B)
Record Number : 1
Position : 558-558
Format : N1.0
Comment : S01 06: Earth Science\Factual Knowledge (T)

Response	Codes Percent	Unweighted Frequency	
A	1	143	1.6
B	2	310	3.5
C	3	225	2.5
D	4	48	0.5
Missing	6	23	0.3
Invalid	7	0	0.0
Not administered	8	8,160	91.6
Omitted	9	3	0.0
		8,912	100.0%

Variable Name : S022035 Poles On Cut Magnet (1)
Record Number : 1
Position : 559-560
Format : N2.0
Comment : S01 07: Physics\Conceptual Understanding (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	736	8.3
70 - Incorrect response	70	560	6.3
71 - Incorrect response	71	26	0.3
79 - Incorrect response	79	70	0.8
Missing	96	0	0.0
Not administered	98	7,472	83.8
Omitted	99	48	0.5
		8,912	100.0%

Variable Name : SF22035 Poles On Cut Magnet (1)
Record Number : 1
Position : 561-562
Format : N2.0
Comment : S01 07: Physics\Conceptual Understanding (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	389	4.4
70 - Incorrect response	70	241	2.7
71 - Incorrect response	71	7	0.1
79 - Incorrect response	79	54	0.6
Missing	96	23	0.3
Not administered	98	8,160	91.6
Omitted	99	38	0.4
		8,912	100.0%

Variable Name : S022225 Thermometer Scale For Boiling Water (D)
Record Number : 1
Position : 563-563
Format : N1.0
Comment : S01 08: Physics\Reasoning and Analysis (T)

Response	Codes Percent	Unweighted Frequency	
A	1	54	0.6
B	2	241	2.7
C	3	596	6.7
D	4	376	4.2
E	5	165	1.9
Missing	6	0	0.0
Invalid	7	1	0.0
Not administered	8	7,472	83.8
Omitted	9	7	0.1
		8,912	100.0%

Variable Name : SF22225 Thermometer Scale For Boiling Water (D)
Record Number : 1
Position : 564-564
Format : N1.0
Comment : S01 08: Physics\Reasoning and Analysis (T)

Response	Codes Percent	Unweighted Frequency	
A	1	38	0.4
B	2	124	1.4
C	3	273	3.1
D	4	189	2.1
E	5	91	1.0
Missing	6	26	0.3
Invalid	7	0	0.0
Not administered	8	8,160	91.6
Omitted	9	11	0.1
		8,912	100.0%

Variable Name : S022117 Biological Control Insect Population (B)
Record Number : 1
Position : 565-565
Format : N1.0
Comment : S01 09: Life Science\Conceptual Understanding (T)

Response	Codes Percent	Unweighted Frequency	
A	1	61	0.7
B	2	1,017	11.4
C	3	109	1.2
D	4	247	2.8
Missing	6	1	0.0
Invalid	7	0	0.0
Not administered	8	7,472	83.8
Omitted	9	5	0.1
		8,912	100.0%

Variable Name : SF22117 Biological Control Insect Population (B)
Record Number : 1
Position : 566-566
Format : N1.0
Comment : S01 09: Life Science\Conceptual Understanding (T)

Response	Codes Percent	Unweighted Frequency	
A	1	36	0.4
B	2	504	5.7
C	3	58	0.7
D	4	114	1.3
Missing	6	30	0.3
Invalid	7	0	0.0
Not administered	8	8,160	91.6
Omitted	9	10	0.1
		8,912	100.0%

Variable Name : S022235 Plant Growth Experiment (E)
Record Number : 1
Position : 567-567
Format : N1.0
Comment : S01 10: Life Science\Reasoning and Analysis (T)

Response	Codes Percent	Unweighted Frequency	
A	1	105	1.2
B	2	216	2.4
C	3	40	0.5
D	4	68	0.8
E	5	1,002	11.2
Missing	6	2	0.0
Invalid	7	0	0.0
Not administered	8	7,472	83.8
Omitted	9	7	0.1
		8,912	100.0%

Variable Name : SF22235 Plant Growth Experiment (E)
 Record Number : 1
 Position : 568-568
 Format : N1.0
 Comment : S01 10: Life Science\Reasoning and Analysis (T)

Response	Codes Percent	Unweighted Frequency	
A	1	50	0.6
B	2	134	1.5
C	3	30	0.3
D	4	41	0.5
E	5	451	5.1
Missing	6	32	0.4
Invalid	7	0	0.0
Not administered	8	8,160	91.6
Omitted	9	14	0.2
		8,912	100.0%

Variable Name : S022188 Reactions Releasing Energy (C)
 Record Number : 1
 Position : 569-569
 Format : N1.0
 Comment : S01 11: Chemistry\Conceptual Understanding (T)

Response	Codes Percent	Unweighted Frequency	
A	1	149	1.7
B	2	258	2.9
C	3	945	10.6
D	4	79	0.9
Missing	6	3	0.0
Invalid	7	0	0.0
Not administered	8	7,472	83.8
Omitted	9	6	0.1
		8,912	100.0%

Variable Name : SF22188 Reactions Releasing Energy (C)
 Record Number : 1
 Position : 570-570
 Format : N1.0
 Comment : S01 11: Chemistry\Conceptual Understanding (T)

Response	Codes Percent	Unweighted Frequency	
A	1	75	0.8
B	2	127	1.4
C	3	467	5.2
D	4	36	0.4
Missing	6	38	0.4
Invalid	7	1	0.0
Not administered	8	8,160	91.6
Omitted	9	8	0.1
		8,912	100.0%

Variable Name : S022074 Fossil Fuels (B)
 Record Number : 1
 Position : 571-571
 Format : N1.0
 Comment : S01 12: Earth Science\Factual Knowledge (T)

Response	Codes Percent	Unweighted Frequency	
A	1	185	2.1
B	2	932	10.5
C	3	227	2.6
D	4	87	1.0
Missing	6	3	0.0
Invalid	7	0	0.0
Not administered	8	7,472	83.8
Omitted	9	6	0.1
		8,912	100.0%

Variable Name : SF22074 Fossil Fuels (B)
 Record Number : 1
 Position : 572-572
 Format : N1.0
 Comment : S01 12: Earth Science\Factual Knowledge (T)

Response	Codes Percent	Unweighted Frequency	
A	1	80	0.9
B	2	445	5.0
C	3	135	1.5
D	4	47	0.5
Missing	6	39	0.4
Invalid	7	0	0.0
Not administered	8	8,160	91.6
Omitted	9	6	0.1
		8,912	100.0%

Variable Name : S022240 Main Cause of Acid Rain (C)
 Record Number : 1
 Position : 573-573
 Format : N1.0
 Comment : S01 13: Environmental Science\Factual Knowledge (T)

Response	Codes Percent	Unweighted Frequency	
A	1	526	5.9
B	2	259	2.9
C	3	514	5.8
D	4	126	1.4
Missing	6	3	0.0
Invalid	7	1	0.0
Not administered	8	7,472	83.8
Omitted	9	11	0.1
		8,912	100.0%

Variable Name : SF22240 Main Cause of Acid Rain (C)
 Record Number : 1
 Position : 574-574
 Format : N1.0
 Comment : S01 13: Environmental Science\Factual Knowledge (T)

Response	Codes Percent	Unweighted Frequency	
A	1	261	2.9
B	2	108	1.2
C	3	268	3.0
D	4	63	0.7
Missing	6	39	0.4
Invalid	7	1	0.0
Not administered	8	8,160	91.6
Omitted	9	12	0.1
		8,912	100.0%

Variable Name : S022206 Reaction of Chlorine And Sodium (B)
 Record Number : 1
 Position : 575-575
 Format : N1.0
 Comment : S01 14: Chemistry\Factual Knowledge (T)

Response	Codes Percent	Unweighted Frequency	
A	1	262	2.9
B	2	606	6.8
C	3	215	2.4
D	4	202	2.3
E	5	147	1.7
Missing	6	3	0.0
Invalid	7	0	0.0
Not administered	8	7,472	83.8
Omitted	9	5	0.1
		8,912	100.0%

Variable Name : SF22206 Reaction of Chlorine And Sodium (B)
 Record Number : 1
 Position : 576-576
 Format : N1.0
 Comment : S01 14: Chemistry\Factual Knowledge (T)

Response	Codes Percent	Unweighted Frequency	
A	1	156	1.8
B	2	264	3.0
C	3	105	1.2
D	4	105	1.2
E	5	70	0.8
Missing	6	42	0.5
Invalid	7	1	0.0
Not administered	8	8,160	91.6
Omitted	9	9	0.1
		8,912	100.0%

Variable Name : S022160 Advantage of Having Two Ears (1)
Record Number : 1
Position : 577-578
Format : N2.0
Comment : S01 15: Life Science\Conceptual Understanding (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	106	1.2
11 - Correct response	11	661	7.4
12 - Correct response	12	51	0.6
19 - Correct response	19	15	0.2
70 - Incorrect response	70	494	5.5
71 - Incorrect response	71	23	0.3
79 - Incorrect response	79	59	0.7
Missing	96	3	0.0
Not administered	98	7,472	83.8
Omitted	99	28	0.3
		8,912	100.0%

Variable Name : SF22160 Advantage of Having Two Ears (1)
Record Number : 1
Position : 579-580
Format : N2.0
Comment : S01 15: Life Science\Conceptual Understanding (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	51	0.6
11 - Correct response	11	332	3.7
12 - Correct response	12	17	0.2
19 - Correct response	19	2	0.0
70 - Incorrect response	70	226	2.5
71 - Incorrect response	71	10	0.1
79 - Incorrect response	79	40	0.5
Missing	96	48	0.5
Not administered	98	8,160	91.6
Omitted	99	26	0.3
		8,912	100.0%

Variable Name : S022058 Angle of Reflected Light Ray (B)
Record Number : 1
Position : 581-581
Format : N1.0
Comment : S01 16: Physics\Conceptual Understanding (T)

Response	Codes Percent	Unweighted Frequency	
A	1	60	0.7
B	2	861	9.7
C	3	224	2.5
D	4	288	3.2
Missing	6	3	0.0
Invalid	7	0	0.0
Not administered	8	7,472	83.8
Omitted	9	4	0.0
		8,912	100.0%

Variable Name : SF22058 Angle of Reflected Light Ray (B)
Record Number : 1
Position : 582-582
Format : N1.0
Comment : S01 16: Physics\Conceptual Understanding (T)

Response	Codes Percent	Unweighted Frequency	
A	1	29	0.3
B	2	415	4.7
C	3	120	1.4
D	4	132	1.5
Missing	6	52	0.6
Invalid	7	0	0.0
Not administered	8	8,160	91.6
Omitted	9	4	0.0
		8,912	100.0%

Variable Name : S012013 True Statement of Mountain Age (B)
Record Number : 1
Position : 583-583
Format : N1.0
Comment : S02 01: Earth Science\Conceptual Understanding (T)

Response	Codes Percent	Unweighted Frequency	
A	1	270	3.0
B	2	522	5.9
C	3	462	5.2
D	4	213	2.4
Missing	6	0	0.0
Invalid	7	0	0.0
Not administered	8	7,443	83.5
Omitted	9	2	0.0
		8,912	100.0%

Variable Name : SF12013 True Statement of Mountain Age (B)
Record Number : 1
Position : 584-584
Format : N1.0
Comment : S02 01: Earth Science\Conceptual Understanding (T)

Response	Codes Percent	Unweighted Frequency	
A	1	123	1.4
B	2	283	3.2
C	3	203	2.3
D	4	111	1.3
Missing	6	17	0.2
Invalid	7	0	0.0
Not administered	8	8,166	91.6
Omitted	9	9	0.1
		8,912	100.0%

Variable Name : S012014 Message From Eyes To Brain (D)
Record Number : 1
Position : 585-585
Format : N1.0
Comment : S02 02: Life Science\Factual Knowledge (T)

Response	Codes Percent	Unweighted Frequency	
A	1	78	0.9
B	2	116	1.3
C	3	27	0.3
D	4	1,173	13.2
E	5	57	0.6
Missing	6	0	0.0
Invalid	7	0	0.0
Not administered	8	7,443	83.5
Omitted	9	18	0.2
		8,912	100.0%

Variable Name : SF12014 Message From Eyes To Brain (D)
Record Number : 1
Position : 586-586
Format : N1.0
Comment : S02 02: Life Science\Factual Knowledge (T)

Response	Codes Percent	Unweighted Frequency	
A	1	44	0.5
B	2	76	0.9
C	3	19	0.2
D	4	544	6.1
E	5	31	0.4
Missing	6	23	0.3
Invalid	7	0	0.0
Not administered	8	8,166	91.6
Omitted	9	9	0.1
		8,912	100.0%

Variable Name : S012015 Candle Position Reflected On Grid (B)
Record Number : 1
Position : 587-587
Format : N1.0
Comment : S02 03: Physics\Reasoning and Analysis (T)

Response	Codes Percent	Unweighted Frequency	
A	1	53	0.6
B	2	1,082	12.1
C	3	49	0.6
D	4	282	3.2
Missing	6	0	0.0
Invalid	7	0	0.0
Not administered	8	7,443	83.5
Omitted	9	3	0.0
		8,912	100.0%

Variable Name : SF12015 Candle Position Reflected On Grid (B)
Record Number : 1
Position : 588-588
Format : N1.0
Comment : S02 03: Physics\Reasoning and Analysis (T)

Response	Codes Percent	Unweighted Frequency	
A	1	27	0.3
B	2	521	5.9
C	3	26	0.3
D	4	139	1.6
Missing	6	23	0.3
Invalid	7	0	0.0
Not administered	8	8,166	91.6
Omitted	9	10	0.1
		8,912	100.0%

Variable Name : S012016 Substance Type of Black/White Powder (C)
Record Number : 1
Position : 589-589
Format : N1.0
Comment : S02 04: Chemistry\Factual Knowledge (T)

Response	Codes Percent	Unweighted Frequency	
A	1	66	0.7
B	2	120	1.4
C	3	1,208	13.6
D	4	72	0.8
Missing	6	1	0.0
Invalid	7	0	0.0
Not administered	8	7,443	83.5
Omitted	9	2	0.0
		8,912	100.0%

Variable Name : SF12016 Substance Type of Black/White Powder (C)
Record Number : 1
Position : 590-590
Format : N1.0
Comment : S02 04: Chemistry\Factual Knowledge (T)

Response	Codes Percent	Unweighted Frequency	
A	1	44	0.5
B	2	66	0.7
C	3	574	6.4
D	4	26	0.3
Missing	6	26	0.3
Invalid	7	0	0.0
Not administered	8	8,166	91.6
Omitted	9	10	0.1
		8,912	100.0%

Variable Name : S012017 Increased Carbon Dioxide In Atmosphere (A)
Record Number : 1
Position : 591-591
Format : N1.0
Comment : S02 05: Environmental Science\Factual Knowledge (T)

Response	Codes Percent	Unweighted Frequency	
A	1	817	9.2
B	2	133	1.5
C	3	174	2.0
D	4	335	3.8
Missing	6	1	0.0
Invalid	7	0	0.0
Not administered	8	7,443	83.5
Omitted	9	9	0.1
		8,912	100.0%

Variable Name : SF12017 Increased Carbon Dioxide In Atmosphere (A)
Record Number : 1
Position : 592-592
Format : N1.0
Comment : S02 05: Environmental Science\Factual Knowledge (T)

Response	Codes Percent	Unweighted Frequency	
A	1	382	4.3
B	2	88	1.0
C	3	91	1.0
D	4	138	1.6
Missing	6	27	0.3
Invalid	7	0	0.0
Not administered	8	8,166	91.6
Omitted	9	20	0.2
		8,912	100.0%

Variable Name : S012018 Substance Not A Fossil Fuel (C)
 Record Number : 1
 Position : 593-593
 Format : N1.0
 Comment : S02 06: Earth Science\Factual Knowledge (T)

Response	Codes Percent	Unweighted Frequency	
A	1	43	0.5
B	2	116	1.3
C	3	1,034	11.6
D	4	267	3.0
Missing	6	1	0.0
Invalid	7	0	0.0
Not administered	8	7,443	83.5
Omitted	9	8	0.1
		8,912	100.0%

Variable Name : SF12018 Substance Not A Fossil Fuel (C)
 Record Number : 1
 Position : 594-594
 Format : N1.0
 Comment : S02 06: Earth Science\Factual Knowledge (T)

Response	Codes Percent	Unweighted Frequency	
A	1	38	0.4
B	2	53	0.6
C	3	497	5.6
D	4	118	1.3
Missing	6	29	0.3
Invalid	7	0	0.0
Not administered	8	8,166	91.6
Omitted	9	11	0.1
		8,912	100.0%

Variable Name : S012001 Organ Not In Abdomen (E)
 Record Number : 1
 Position : 595-595
 Format : N1.0
 Comment : S02 07: Life Science\Factual Knowledge (T)

Response	Codes Percent	Unweighted Frequency	
A	1	33	0.4
B	2	82	0.9
C	3	64	0.7
D	4	219	2.5
E	5	1,061	11.9
Missing	6	1	0.0
Invalid	7	1	0.0
Not administered	8	7,443	83.5
Omitted	9	8	0.1
		8,912	100.0%

Variable Name : SF12001 Organ Not In Abdomen (E)
 Record Number : 1
 Position : 596-596
 Format : N1.0
 Comment : S02 07: Life Science\Factual Knowledge (T)

Response	Codes Percent	Unweighted Frequency	
A	1	21	0.2
B	2	49	0.6
C	3	37	0.4
D	4	112	1.3
E	5	487	5.5
Missing	6	29	0.3
Invalid	7	1	0.0
Not administered	8	8,166	91.6
Omitted	9	10	0.1
		8,912	100.0%

Variable Name : S012002 Stored Energy In Two Springs (B)
 Record Number : 1
 Position : 597-597
 Format : N1.0
 Comment : S02 08: Physics\Conceptual Understanding (T)

Response	Codes Percent	Unweighted Frequency	
A	1	113	1.3
B	2	1,223	13.7
C	3	52	0.6
D	4	72	0.8
Missing	6	1	0.0
Invalid	7	2	0.0
Not administered	8	7,443	83.5
Omitted	9	6	0.1
		8,912	100.0%

Variable Name : SF12002 Stored Energy In Two Springs (B)
 Record Number : 1
 Position : 598-598
 Format : N1.0
 Comment : S02 08: Physics\Conceptual Understanding (T)

Response	Codes Percent	Unweighted Frequency	
A	1	58	0.7
B	2	578	6.5
C	3	44	0.5
D	4	23	0.3
Missing	6	31	0.4
Invalid	7	0	0.0
Not administered	8	8,166	91.6
Omitted	9	12	0.1
		8,912	100.0%

Variable Name : S012003 Fanning A Wood Fire (B)
Record Number : 1
Position : 599-599
Format : N1.0
Comment : S02 09: Chemistry\Conceptual Understanding (T)

Response	Codes Percent	Unweighted Frequency	
A	1	33	0.4
B	2	1,169	13.1
C	3	33	0.4
D	4	228	2.6
Missing	6	1	0.0
Invalid	7	0	0.0
Not administered	8	7,443	83.5
Omitted	9	5	0.1
		8,912	100.0%

Variable Name : SF12003 Fanning A Wood Fire (B)
Record Number : 1
Position : 600-600
Format : N1.0
Comment : S02 09: Chemistry\Conceptual Understanding (T)

Response	Codes Percent	Unweighted Frequency	
A	1	32	0.4
B	2	560	6.3
C	3	21	0.2
D	4	85	1.0
Missing	6	38	0.4
Invalid	7	0	0.0
Not administered	8	8,166	91.6
Omitted	9	10	0.1
		8,912	100.0%

Variable Name : S012004 Seeing Person In A Dark Room (A)
Record Number : 1
Position : 601-601
Format : N1.0
Comment : S02 10: Physics\Conceptual Understanding (T)

Response	Codes Percent	Unweighted Frequency	
A	1	1,157	13.0
B	2	118	1.3
C	3	102	1.1
D	4	85	1.0
Missing	6	2	0.0
Invalid	7	0	0.0
Not administered	8	7,443	83.5
Omitted	9	5	0.1
		8,912	100.0%

Variable Name : SF12004 Seeing Person In A Dark Room (A)
Record Number : 1
Position : 602-602
Format : N1.0
Comment : S02 10: Physics\Conceptual Understanding (T)

Response	Codes Percent	Unweighted Frequency	
A	1	516	5.8
B	2	62	0.7
C	3	68	0.8
D	4	48	0.5
Missing	6	44	0.5
Invalid	7	0	0.0
Not administered	8	8,166	91.6
Omitted	9	8	0.1
		8,912	100.0%

Variable Name : S012005 Overgrazing By Livestock (C)
Record Number : 1
Position : 603-603
Format : N1.0
Comment : S02 11: Environmental Science\Factual Knowledge (T)

Response	Codes Percent	Unweighted Frequency	
A	1	235	2.6
B	2	214	2.4
C	3	945	10.6
D	4	61	0.7
Missing	6	3	0.0
Invalid	7	1	0.0
Not administered	8	7,443	83.5
Omitted	9	10	0.1
		8,912	100.0%

Variable Name : SF12005 Overgrazing By Livestock (C)
Record Number : 1
Position : 604-604
Format : N1.0
Comment : S02 11: Environmental Science\Factual Knowledge (T)

Response	Codes Percent	Unweighted Frequency	
A	1	123	1.4
B	2	97	1.1
C	3	422	4.7
D	4	42	0.5
Missing	6	47	0.5
Invalid	7	0	0.0
Not administered	8	8,166	91.6
Omitted	9	15	0.2
		8,912	100.0%

Variable Name : S012006 Changes In River Shape/Speed (C)
Record Number : 1
Position : 605-605
Format : N1.0
Comment : S02 12: Earth Science\Reasoning and Analysis (T)

Response	Codes Percent	Unweighted Frequency	
A	1	114	1.3
B	2	280	3.1
C	3	826	9.3
D	4	237	2.7
Missing	6	4	0.0
Invalid	7	0	0.0
Not administered	8	7,443	83.5
Omitted	9	8	0.1
		8,912	100.0%

Variable Name : SF12006 Changes In River Shape/Speed (C)
Record Number : 1
Position : 606-606
Format : N1.0
Comment : S02 12: Earth Science\Reasoning and Analysis (T)

Response	Codes Percent	Unweighted Frequency	
A	1	46	0.5
B	2	155	1.7
C	3	380	4.3
D	4	100	1.1
Missing	6	52	0.6
Invalid	7	0	0.0
Not administered	8	8,166	91.6
Omitted	9	13	0.2
		8,912	100.0%

Variable Name : S032131 Nail Pulled Out of A Wooden Board (1)
Record Number : 1
Position : 607-608
Format : N2.0
Comment : S02 13: Physics\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	958	10.8
11 - Correct response	11	109	1.2
19 - Correct response	19	5	0.1
70 - Incorrect response	70	122	1.4
79 - Incorrect response	79	219	2.5
Missing	96	4	0.0
Not administered	98	7,443	83.5
Omitted	99	52	0.6
		8,912	100.0%

Variable Name : SF32131 Nail Pulled Out of A Wooden Board (1)
Record Number : 1
Position : 609-610
Format : N2.0
Comment : S02 13: Physics\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	445	5.0
11 - Correct response	11	28	0.3
19 - Correct response	19	2	0.0
70 - Incorrect response	70	48	0.5
79 - Incorrect response	79	120	1.4
Missing	96	57	0.6
Not administered	98	8,166	91.6
Omitted	99	46	0.5
		8,912	100.0%

Variable Name : S032202 Community of Mice, Snakes And Wheat Plan
Record Number : 1
Position : 611-612
Format : N2.0
Comment : S02 14: Life Science\Reasoning and Analysis

Response	Codes Percent	Unweighted Frequency	
10 - Partial response	10	371	4.2
11 - Partial response	11	177	2.0
19 - Partial response	19	36	0.4
20 - Correct response	20	472	5.3
21 - Correct response	21	152	1.7
29 - Correct response	29	9	0.1
70 - Incorrect response	70	61	0.7
79 - Incorrect response	79	162	1.8
Missing	96	4	0.0
Not administered	98	7,443	83.5
Omitted	99	25	0.3
		8,912	100.0%

Variable Name : SF32202 Community of Mice, Snakes And Wheat Plan
Record Number : 1
Position : 613-614
Format : N2.0
Comment : S02 14: Life Science\Reasoning and Analysis

Response	Codes Percent	Unweighted Frequency	
10 - Partial response	10	161	1.8
11 - Partial response	11	57	0.6
19 - Partial response	19	27	0.3
20 - Correct response	20	177	2.0
21 - Correct response	21	69	0.8
29 - Correct response	29	5	0.1
70 - Incorrect response	70	33	0.4
79 - Incorrect response	79	75	0.8
Missing	96	80	0.9
Not administered	98	8,166	91.6
Omitted	99	62	0.7
		8,912	100.0%

Variable Name : S012037 Diagram of Batteries In A Flashlight (A)
Record Number : 1
Position : 615-615
Format : N1.0
Comment : S03 01: Physics\Factual Knowledge (T)

Response	Codes Percent	Unweighted Frequency	
A	1	1,314	14.7
B	2	76	0.9
C	3	49	0.6
D	4	42	0.5
Missing	6	2	0.0
Invalid	7	0	0.0
Not administered	8	7,426	83.3
Omitted	9	3	0.0
		8,912	100.0%

Variable Name : SF12037 Diagram of Batteries In A Flashlight (A)
Record Number : 1
Position : 616-616
Format : N1.0
Comment : S03 01: Physics\Factual Knowledge (T)

Response	Codes Percent	Unweighted Frequency	
A	1	602	6.8
B	2	41	0.5
C	3	28	0.3
D	4	18	0.2
Missing	6	33	0.4
Invalid	7	0	0.0
Not administered	8	8,185	91.8
Omitted	9	5	0.1
		8,912	100.0%

Variable Name : S012038 Main Function of Red Blood Cells (B)
Record Number : 1
Position : 617-617
Format : N1.0
Comment : S03 02: Life Science\Factual Knowledge (T)

Response	Codes Percent	Unweighted Frequency	
A	1	229	2.6
B	2	1,118	12.5
C	3	50	0.6
D	4	79	0.9
Missing	6	2	0.0
Invalid	7	0	0.0
Not administered	8	7,426	83.3
Omitted	9	8	0.1
		8,912	100.0%

Variable Name : SF12038 Main Function of Red Blood Cells (B)
Record Number : 1
Position : 618-618
Format : N1.0
Comment : S03 02: Life Science\Factual Knowledge (T)

Response	Codes Percent	Unweighted Frequency	
A	1	96	1.1
B	2	525	5.9
C	3	31	0.4
D	4	28	0.3
Missing	6	37	0.4
Invalid	7	0	0.0
Not administered	8	8,185	91.8
Omitted	9	10	0.1
		8,912	100.0%

Variable Name : S012039 Traits Transferred From Generations (C)
Record Number : 1
Position : 619-619
Format : N1.0
Comment : S03 03: Life Science\Conceptual Understanding (T)

Response	Codes Percent	Unweighted Frequency	
A	1	142	1.6
B	2	28	0.3
C	3	1,278	14.3
D	4	33	0.4
Missing	6	2	0.0
Invalid	7	0	0.0
Not administered	8	7,426	83.3
Omitted	9	3	0.0
		8,912	100.0%

Variable Name : SF12039 Traits Transferred From Generations (C)
Record Number : 1
Position : 620-620
Format : N1.0
Comment : S03 03: Life Science\Conceptual Understanding (T)

Response	Codes Percent	Unweighted Frequency	
A	1	66	0.7
B	2	16	0.2
C	3	576	6.5
D	4	17	0.2
Missing	6	43	0.5
Invalid	7	0	0.0
Not administered	8	8,185	91.8
Omitted	9	9	0.1
		8,912	100.0%

Variable Name : S012040 Atoms Removed From Chair (C)
Record Number : 1
Position : 621-621
Format : N1.0
Comment : S03 04: Chemistry\Conceptual Understanding (T)

Response	Codes Percent	Unweighted Frequency	
A	1	264	3.0
B	2	114	1.3
C	3	1,008	11.3
D	4	94	1.1
Missing	6	2	0.0
Invalid	7	0	0.0
Not administered	8	7,426	83.3
Omitted	9	4	0.0
		8,912	100.0%

Variable Name : SF12040 Atoms Removed From Chair (C)
Record Number : 1
Position : 622-622
Format : N1.0
Comment : S03 04: Chemistry\Conceptual Understanding (T)

Response	Codes Percent	Unweighted Frequency	
A	1	105	1.2
B	2	64	0.7
C	3	448	5.0
D	4	54	0.6
Missing	6	48	0.5
Invalid	7	0	0.0
Not administered	8	8,185	91.8
Omitted	9	8	0.1
		8,912	100.0%

Variable Name : S012041 Rock At Bottom of Lake/Ocean (C)
Record Number : 1
Position : 623-623
Format : N1.0
Comment : S03 05: Earth Science\Factual Knowledge (T)

Response	Codes Percent	Unweighted Frequency	
A	1	191	2.1
B	2	177	2.0
C	3	885	9.9
D	4	224	2.5
Missing	6	2	0.0
Invalid	7	1	0.0
Not administered	8	7,426	83.3
Omitted	9	6	0.1
		8,912	100.0%

Variable Name : SF12041 Rock At Bottom of Lake/Ocean (C)
Record Number : 1
Position : 624-624
Format : N1.0
Comment : S03 05: Earth Science\Factual Knowledge (T)

Response	Codes Percent	Unweighted Frequency	
A	1	86	1.0
B	2	85	1.0
C	3	391	4.4
D	4	104	1.2
Missing	6	50	0.6
Invalid	7	1	0.0
Not administered	8	8,185	91.8
Omitted	9	10	0.1
		8,912	100.0%

Variable Name : S012042 Nonrenewable Natural Resource (D)
Record Number : 1
Position : 625-625
Format : N1.0
Comment : S03 06: Environmental Science\Conceptual Understanding (T)

Response	Codes Percent	Unweighted Frequency	
A	1	151	1.7
B	2	138	1.6
C	3	316	3.6
D	4	874	9.8
Missing	6	2	0.0
Invalid	7	0	0.0
Not administered	8	7,426	83.3
Omitted	9	5	0.1
		8,912	100.0%

Variable Name : SF12042 Nonrenewable Natural Resource (D)
Record Number : 1
Position : 626-626
Format : N1.0
Comment : S03 06: Environmental Science\Conceptual Understanding (T)

Response	Codes Percent	Unweighted Frequency	
A	1	57	0.6
B	2	46	0.5
C	3	148	1.7
D	4	416	4.7
Missing	6	55	0.6
Invalid	7	0	0.0
Not administered	8	8,185	91.8
Omitted	9	5	0.1
		8,912	100.0%

Variable Name : S022086 Hole In Ozone Layer (1)
Record Number : 1
Position : 627-628
Format : N2.0
Comment : S03 07: Environmental Science\Factual Knowledge (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	282	3.2
11 - Correct response	11	348	3.9
12 - Correct response	12	31	0.4
19 - Correct response	19	8	0.1
70 - Incorrect response	70	184	2.1
71 - Incorrect response	71	205	2.3
79 - Incorrect response	79	359	4.0
Missing	96	2	0.0
Not administered	98	7,426	83.3
Omitted	99	67	0.8
		8,912	100.0%

Variable Name : SF22086 Hole In Ozone Layer (1)
Record Number : 1
Position : 629-630
Format : N2.0
Comment : S03 07: Environmental Science\Factual Knowledge (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	140	1.6
11 - Correct response	11	161	1.8
12 - Correct response	12	17	0.2
19 - Correct response	19	4	0.0
70 - Incorrect response	70	47	0.5
71 - Incorrect response	71	80	0.9
79 - Incorrect response	79	165	1.9
Missing	96	58	0.7
Not administered	98	8,185	91.8
Omitted	99	55	0.6
		8,912	100.0%

Variable Name : S022198 Chemical Change Involving Elements (C)
Record Number : 1
Position : 631-631
Format : N1.0
Comment : S03 08: Chemistry\Conceptual Understanding (T)

Response	Codes Percent	Unweighted Frequency	
A	1	62	0.7
B	2	718	8.1
C	3	495	5.6
D	4	206	2.3
Missing	6	2	0.0
Invalid	7	0	0.0
Not administered	8	7,426	83.3
Omitted	9	3	0.0
		8,912	100.0%

Variable Name : SF22198 Chemical Change Involving Elements (C)
Record Number : 1
Position : 632-632
Format : N1.0
Comment : S03 08: Chemistry\Conceptual Understanding (T)

Response	Codes Percent	Unweighted Frequency	
A	1	25	0.3
B	2	305	3.4
C	3	225	2.5
D	4	95	1.1
Missing	6	60	0.7
Invalid	7	0	0.0
Not administered	8	8,185	91.8
Omitted	9	17	0.2
		8,912	100.0%

Variable Name : S022275 Abundance of Gases In Atmosphere (A)
Record Number : 1
Position : 633-633
Format : N1.0
Comment : S03 09: Earth Science\Factual Knowledge (T)

Response	Codes Percent	Unweighted Frequency	
A	1	315	3.5
B	2	324	3.6
C	3	514	5.8
D	4	324	3.6
Missing	6	2	0.0
Invalid	7	0	0.0
Not administered	8	7,426	83.3
Omitted	9	7	0.1
		8,912	100.0%

Variable Name : SF22275 Abundance of Gases In Atmosphere (A)
Record Number : 1
Position : 634-634
Format : N1.0
Comment : S03 09: Earth Science\Factual Knowledge (T)

Response	Codes Percent	Unweighted Frequency	
A	1	153	1.7
B	2	128	1.4
C	3	216	2.4
D	4	150	1.7
Missing	6	71	0.8
Invalid	7	0	0.0
Not administered	8	8,185	91.8
Omitted	9	9	0.1
		8,912	100.0%

Variable Name : S022041 Extrapolation of Distance/Time Graph (D)
Record Number : 1
Position : 635-635
Format : N1.0
Comment : S03 10: Physics\Reasoning and Analysis (T)

Response	Codes Percent	Unweighted Frequency	
A	1	58	0.7
B	2	28	0.3
C	3	111	1.3
D	4	1,286	14.4
Missing	6	2	0.0
Invalid	7	0	0.0
Not administered	8	7,426	83.3
Omitted	9	1	0.0
		8,912	100.0%

Variable Name : SF22041 Extrapolation of Distance/Time Graph (D)
Record Number : 1
Position : 636-636
Format : N1.0
Comment : S03 10: Physics\Reasoning and Analysis (T)

Response	Codes Percent	Unweighted Frequency	
A	1	28	0.3
B	2	26	0.3
C	3	79	0.9
D	4	509	5.7
Missing	6	74	0.8
Invalid	7	0	0.0
Not administered	8	8,185	91.8
Omitted	9	11	0.1
		8,912	100.0%

Variable Name : S022283 Appearance of Jupiter And Moon (1)
Record Number : 1
Position : 637-638
Format : N2.0
Comment : S03 11: Earth Science\Conceptual Understanding (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	1,275	14.3
19 - Correct response	19	2	0.0
70 - Incorrect response	70	47	0.5
71 - Incorrect response	71	7	0.1
79 - Incorrect response	79	125	1.4
Missing	96	2	0.0
Not administered	98	7,426	83.3
Omitted	99	28	0.3
		8,912	100.0%

Variable Name : SF22283 Appearance of Jupiter And Moon (1)
Record Number : 1
Position : 639-640
Format : N2.0
Comment : S03 11: Earth Science\Conceptual Understanding (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	517	5.8
19 - Correct response	19	1	0.0
70 - Incorrect response	70	19	0.2
71 - Incorrect response	71	7	0.1
79 - Incorrect response	79	70	0.8
Missing	96	82	0.9
Not administered	98	8,185	91.8
Omitted	99	31	0.4
		8,912	100.0%

Variable Name : S022202 Neutral Atom Gains Electron (B)
Record Number : 1
Position : 641-641
Format : N1.0
Comment : S03 12: Chemistry\Factual Knowledge (T)

Response	Codes Percent	Unweighted Frequency	
A	1	117	1.3
B	2	695	7.8
C	3	594	6.7
D	4	74	0.8
Missing	6	2	0.0
Invalid	7	0	0.0
Not administered	8	7,426	83.3
Omitted	9	4	0.0
		8,912	100.0%

Variable Name : SF22202 Neutral Atom Gains Electron (B)
Record Number : 1
Position : 642-642
Format : N1.0
Comment : S03 12: Chemistry\Factual Knowledge (T)

Response	Codes Percent	Unweighted Frequency	
A	1	56	0.6
B	2	276	3.1
C	3	269	3.0
D	4	27	0.3
Missing	6	91	1.0
Invalid	7	0	0.0
Not administered	8	8,185	91.8
Omitted	9	8	0.1
		8,912	100.0%

Variable Name : S022152 Bodily Process To Prevent Overheatin (1)
Record Number : 1
Position : 643-644
Format : N2.0
Comment : S03 13: Life Science\Conceptual Understanding (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	111	1.3
11 - Correct response	11	928	10.4
12 - Correct response	12	7	0.1
19 - Correct response	19	3	0.0
70 - Incorrect response	70	49	0.6
71 - Incorrect response	71	44	0.5
79 - Incorrect response	79	232	2.6
Missing	96	2	0.0
Not administered	98	7,426	83.3
Omitted	99	110	1.2
		8,912	100.0%

Variable Name : SF22152 Bodily Process To Prevent Overheatin (1)
Record Number : 1
Position : 645-646
Format : N2.0
Comment : S03 13: Life Science\Conceptual Understanding (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	15	0.2
11 - Correct response	11	401	4.5
12 - Correct response	12	1	0.0
19 - Correct response	19	2	0.0
70 - Incorrect response	70	20	0.2
71 - Incorrect response	71	16	0.2
79 - Incorrect response	79	99	1.1
Missing	96	96	1.1
Not administered	98	8,185	91.8
Omitted	99	77	0.9
		8,912	100.0%

Variable Name : S022154 Transmission of Cold In Classroom (1)
Record Number : 1
Position : 647-648
Format : N2.0
Comment : S03 14: Life Science\Reasoning and Analysis (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	175	2.0
11 - Correct response	11	484	5.4
12 - Correct response	12	240	2.7
19 - Correct response	19	22	0.3
70 - Incorrect response	70	454	5.1
79 - Incorrect response	79	80	0.9
Missing	96	2	0.0
Not administered	98	7,426	83.3
Omitted	99	29	0.3
		8,912	100.0%

Variable Name : SF22154 Transmission of Cold In Classroom (1)
Record Number : 1
Position : 649-650
Format : N2.0
Comment : S03 14: Life Science\Reasoning and Analysis (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	69	0.8
11 - Correct response	11	208	2.3
12 - Correct response	12	91	1.0
19 - Correct response	19	15	0.2
70 - Incorrect response	70	168	1.9
79 - Incorrect response	79	45	0.5
Missing	96	119	1.3
Not administered	98	8,185	91.8
Omitted	99	12	0.1
		8,912	100.0%

Variable Name : S022187 Not A Mixture (B)
Record Number : 1
Position : 651-651
Format : N1.0
Comment : S04 01: Chemistry\Conceptual Understanding (T)

Response	Codes Percent	Unweighted Frequency	
A	1	467	5.2
B	2	684	7.7
C	3	282	3.2
D	4	46	0.5
Missing	6	0	0.0
Invalid	7	1	0.0
Not administered	8	7,429	83.4
Omitted	9	3	0.0
		8,912	100.0%

Variable Name : SF22187 Not A Mixture (B)
Record Number : 1
Position : 652-652
Format : N1.0
Comment : S04 01: Chemistry\Conceptual Understanding (T)

Response	Codes Percent	Unweighted Frequency	
A	1	257	2.9
B	2	289	3.2
C	3	112	1.3
D	4	24	0.3
Missing	6	36	0.4
Invalid	7	1	0.0
Not administered	8	8,177	91.8
Omitted	9	16	0.2
		8,912	100.0%

Variable Name : S022161 How Glasses/Contact Lenses Work (1)
Record Number : 1
Position : 653-654
Format : N2.0
Comment : S04 02: Life Science\Reasoning and Analysis (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	37	0.4
11 - Correct response	11	122	1.4
12 - Correct response	12	169	1.9
13 - Correct response	13	382	4.3
19 - Correct response	19	9	0.1
70 - Incorrect response	70	544	6.1
79 - Incorrect response	79	154	1.7
Missing	96	0	0.0
Not administered	98	7,429	83.4
Omitted	99	66	0.7
		8,912	100.0%

Variable Name : SF22161 How Glasses/Contact Lenses Work (1)
Record Number : 1
Position : 655-656
Format : N2.0
Comment : S04 02: Life Science\Reasoning and Analysis (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	20	0.2
11 - Correct response	11	59	0.7
12 - Correct response	12	52	0.6
13 - Correct response	13	178	2.0
19 - Correct response	19	6	0.1
70 - Incorrect response	70	208	2.3
79 - Incorrect response	79	82	0.9
Missing	96	44	0.5
Not administered	98	8,177	91.8
Omitted	99	86	1.0
		8,912	100.0%

Variable Name : S022222 Controlled Experiment With Cart (E)
 Record Number : 1
 Position : 657-657
 Format : N1.0
 Comment : S04 03: Physics\Reasoning and Analysis (T)

Response	Codes Percent	Unweighted Frequency	
A	1	58	0.7
B	2	386	4.3
C	3	81	0.9
D	4	114	1.3
E	5	836	9.4
Missing	6	0	0.0
Invalid	7	3	0.0
Not administered	8	7,429	83.4
Omitted	9	5	0.1
		8,912	100.0%

Variable Name : SF22222 Controlled Experiment With Cart (E)
 Record Number : 1
 Position : 658-658
 Format : N1.0
 Comment : S04 03: Physics\Reasoning and Analysis (T)

Response	Codes Percent	Unweighted Frequency	
A	1	39	0.4
B	2	203	2.3
C	3	69	0.8
D	4	54	0.6
E	5	305	3.4
Missing	6	44	0.5
Invalid	7	0	0.0
Not administered	8	8,177	91.8
Omitted	9	21	0.2
		8,912	100.0%

Variable Name : S022191 Candles Burning In 3 Jars (2)
 Record Number : 1
 Position : 659-660
 Format : N2.0
 Comment : S04 04: Chemistry\Reasoning and Analysis (T)

Response	Codes Percent	Unweighted Frequency	
10 - Partial response	10	254	2.9
11 - Partial response	11	30	0.3
19 - Partial response	19	5	0.1
20 - Correct response	20	710	8.0
29 - Correct response	29	1	0.0
70 - Incorrect response	70	188	2.1
71 - Incorrect response	71	199	2.2
72 - Incorrect response	72	62	0.7
79 - Incorrect response	79	20	0.2
Missing	96	1	0.0
Not administered	98	7,429	83.4
Omitted	99	13	0.2
		8,912	100.0%

Variable Name : SF22191 Candles Burning In 3 Jars (2)
 Record Number : 1
 Position : 661-662
 Format : N2.0
 Comment : S04 04: Chemistry\Reasoning and Analysis (T)

Response	Codes Percent	Unweighted Frequency	
10 - Partial response	10	130	1.5
11 - Partial response	11	17	0.2
19 - Partial response	19	2	0.0
20 - Correct response	20	298	3.3
29 - Correct response	29	0	0.0
70 - Incorrect response	70	92	1.0
71 - Incorrect response	71	65	0.7
72 - Incorrect response	72	35	0.4
79 - Incorrect response	79	15	0.2
Missing	96	56	0.6
Not administered	98	8,177	91.8
Omitted	99	25	0.3
		8,912	100.0%

Variable Name : S022279 Brush Reflected In Mirror At Angle (1)
Record Number : 1
Position : 663-664
Format : N2.0
Comment : S04 05: Physics\Reasoning and Analysis (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	758	8.5
70 - Incorrect response	70	41	0.5
71 - Incorrect response	71	509	5.7
72 - Incorrect response	72	74	0.8
79 - Incorrect response	79	72	0.8
Missing	96	1	0.0
Not administered	98	7,429	83.4
Omitted	99	28	0.3
		8,912	100.0%

Variable Name : SF22279 Brush Reflected In Mirror At Angle (1)
Record Number : 1
Position : 665-666
Format : N2.0
Comment : S04 05: Physics\Reasoning and Analysis (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	273	3.1
70 - Incorrect response	70	18	0.2
71 - Incorrect response	71	240	2.7
72 - Incorrect response	72	45	0.5
79 - Incorrect response	79	35	0.4
Missing	96	67	0.8
Not administered	98	8,177	91.8
Omitted	99	57	0.6
		8,912	100.0%

Variable Name : S022040 Path of Ball Released From Orbit (A)
Record Number : 1
Position : 667-667
Format : N1.0
Comment : S04 06: Physics\Conceptual Understanding (T)

Response	Codes Percent	Unweighted Frequency	
A	1	1,125	12.6
B	2	148	1.7
C	3	158	1.8
D	4	48	0.5
Missing	6	1	0.0
Invalid	7	0	0.0
Not administered	8	7,429	83.4
Omitted	9	3	0.0
		8,912	100.0%

Variable Name : SF22040 Path of Ball Released From Orbit (A)
Record Number : 1
Position : 668-668
Format : N1.0
Comment : S04 06: Physics\Conceptual Understanding (T)

Response	Codes Percent	Unweighted Frequency	
A	1	435	4.9
B	2	86	1.0
C	3	72	0.8
D	4	39	0.4
Missing	6	80	0.9
Invalid	7	0	0.0
Not administered	8	8,177	91.8
Omitted	9	23	0.3
		8,912	100.0%

Variable Name : S022088A Positive/Negative Effect of Dam (1)
Record Number : 1
Position : 669-670
Format : N2.0
Comment : S04 07A: Environmental Science\Reasoning and Analysis (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	575	6.5
11 - Correct response	11	457	5.1
12 - Correct response	12	47	0.5
13 - Correct response	13	52	0.6
19 - Correct response	19	8	0.1
70 - Incorrect response	70	60	0.7
71 - Incorrect response	71	21	0.2
79 - Incorrect response	79	209	2.4
Missing	96	1	0.0
Not administered	98	7,429	83.4
Omitted	99	53	0.6
		8,912	100.0%

Variable Name : SF22088A Positive/Negative Effect of Dam (1)
 Record Number : 1
 Position : 671-672
 Format : N2.0
 Comment : S04 07A: Environmental Science\Reasoning and Analysis (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	248	2.8
11 - Correct response	11	133	1.5
12 - Correct response	12	19	0.2
13 - Correct response	13	10	0.1
19 - Correct response	19	6	0.1
70 - Incorrect response	70	73	0.8
71 - Incorrect response	71	16	0.2
79 - Incorrect response	79	77	0.9
Missing	96	92	1.0
Not administered	98	8,177	91.8
Omitted	99	61	0.7
		8,912	100.0%

Variable Name : S022088B Positive/Negative Effect of Dam (1)
 Record Number : 1
 Position : 673-674
 Format : N2.0
 Comment : S04 07B: Environmental Science\Reasoning and Analysis (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	319	3.6
11 - Correct response	11	507	5.7
12 - Correct response	12	30	0.3
13 - Correct response	13	9	0.1
19 - Correct response	19	8	0.1
70 - Incorrect response	70	213	2.4
71 - Incorrect response	71	89	1.0
79 - Incorrect response	79	240	2.7
Missing	96	1	0.0
Not administered	98	7,429	83.4
Omitted	99	67	0.8
		8,912	100.0%

Variable Name : SF22088B Positive/Negative Effect of Dam (1)
Record Number : 1
Position : 675-676
Format : N2.0
Comment : S04 07B: Environmental Science\Reasoning and Analysis (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	123	1.4
11 - Correct response	11	158	1.8
12 - Correct response	12	16	0.2
13 - Correct response	13	6	0.1
19 - Correct response	19	7	0.1
70 - Incorrect response	70	123	1.4
71 - Incorrect response	71	38	0.4
79 - Incorrect response	79	101	1.1
Missing	96	100	1.1
Not administered	98	8,177	91.8
Omitted	99	63	0.7
		8,912	100.0%

Variable Name : S022249A Two Reasons For Water Shortage (1)
Record Number : 1
Position : 677-678
Format : N2.0
Comment : S04 08: Environmental Science\Reasoning and Analysis (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	513	5.8
11 - Correct response	11	235	2.6
12 - Correct response	12	256	2.9
13 - Correct response	13	111	1.3
14 - Correct response	14	84	0.9
15 - Correct response	15	13	0.2
19 - Correct response	19	21	0.2
70 - Incorrect response	70	1	0.0
71 - Incorrect response	71	48	0.5
79 - Incorrect response	79	143	1.6
Missing	96	1	0.0
Not administered	98	7,429	83.4
Omitted	99	57	0.6
		8,912	100.0%

Variable Name : S022249B Two Reasons For Water Shortage (1)
 Record Number : 1
 Position : 679-680
 Format : N2.0
 Comment : S04 08: Environmental Science\Reasoning and Analysis (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	140	1.6
11 - Correct response	11	265	3.0
12 - Correct response	12	297	3.3
13 - Correct response	13	136	1.5
14 - Correct response	14	166	1.9
15 - Correct response	15	55	0.6
19 - Correct response	19	13	0.2
70 - Incorrect response	70	3	0.0
71 - Incorrect response	71	48	0.5
79 - Incorrect response	79	260	2.9
Missing	96	1	0.0
Not administered	98	7,429	83.4
Omitted	99	99	1.1
		8,912	100.0%

Variable Name : S022249D Two Reasons For Water Shortage (1)
 Record Number : 1
 Position : 681-682
 Format : N2.0
 Comment : S04 08: Environmental Science\Reasoning and Analysis (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	965	10.8
20 - Correct response	20	0	0.0
70 - Incorrect response	70	461	5.2
79 - Partially correct response	79	0	0.0
Missing	96	1	0.0
Not administered	98	7,429	83.4
Omitted	99	56	0.6
		8,912	100.0%

Variable Name : SF22249A Two Reasons For Water Shortage (1)
Record Number : 1
Position : 683-684
Format : N2.0
Comment : S04 08: Environmental Science\Reasoning and Analysis (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	194	2.2
11 - Correct response	11	82	0.9
12 - Correct response	12	103	1.2
13 - Correct response	13	43	0.5
14 - Correct response	14	25	0.3
15 - Correct response	15	8	0.1
19 - Correct response	19	19	0.2
70 - Incorrect response	70	1	0.0
71 - Incorrect response	71	42	0.5
79 - Incorrect response	79	51	0.6
Missing	96	104	1.2
Not administered	98	8,177	91.8
Omitted	99	63	0.7
		8,912	100.0%

Variable Name : SF22249B Two Reasons For Water Shortage (1)
Record Number : 1
Position : 685-686
Format : N2.0
Comment : S04 08: Environmental Science\Reasoning and Analysis (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	65	0.7
11 - Correct response	11	99	1.1
12 - Correct response	12	100	1.1
13 - Correct response	13	50	0.6
14 - Correct response	14	52	0.6
15 - Correct response	15	10	0.1
19 - Correct response	19	6	0.1
70 - Incorrect response	70	1	0.0
71 - Incorrect response	71	38	0.4
79 - Incorrect response	79	115	1.3
Missing	96	104	1.2
Not administered	98	8,177	91.8
Omitted	99	95	1.1
		8,912	100.0%

Variable Name : SF22249D Two Reasons For Water Shortage (1)
Record Number : 1
Position : 687-688
Format : N2.0
Comment : S04 08: Environmental Science\Reasoning and Analysis (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	342	3.8
20 - Correct response	20	0	0.0
70 - Incorrect response	70	226	2.5
79 - Partially correct response	79	0	0.0
Missing	96	104	1.2
Not administered	98	8,177	91.8
Omitted	99	63	0.7
		8,912	100.0%

Variable Name : S022286 Data Trend of Masses On Spring (1)
Record Number : 1
Position : 689-690
Format : N2.0
Comment : S04 09: Physics\Reasoning and Analysis (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	262	2.9
19 - Correct response	19	0	0.0
70 - Incorrect response	70	747	8.4
71 - Incorrect response	71	43	0.5
79 - Incorrect response	79	333	3.7
Missing	96	3	0.0
Not administered	98	7,429	83.4
Omitted	99	95	1.1
		8,912	100.0%

Variable Name : SF22286 Data Trend of Masses On Spring (1)
Record Number : 1
Position : 691-692
Format : N2.0
Comment : S04 09: Physics\Reasoning and Analysis (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	57	0.6
19 - Correct response	19	3	0.0
70 - Incorrect response	70	300	3.4
71 - Incorrect response	71	20	0.2
79 - Incorrect response	79	116	1.3
Missing	96	124	1.4
Not administered	98	8,177	91.8
Omitted	99	115	1.3
		8,912	100.0%

Variable Name : S032595 Cats Most Closely Related Whi Animal (B)
Record Number : 1
Position : 693-693
Format : N1.0
Comment : S04 10: Life Science\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
A	1	279	3.1
B	2	373	4.2
C	3	225	2.5
D	4	592	6.6
Missing	6	3	0.0
Invalid	7	2	0.0
Not administered	8	7,429	83.4
Omitted	9	9	0.1
		8,912	100.0%

Variable Name : SF32595 Cats Most Closely Related Whi Animal (B)
Record Number : 1
Position : 694-694
Format : N1.0
Comment : S04 10: Life Science\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
A	1	104	1.2
B	2	166	1.9
C	3	105	1.2
D	4	209	2.4
Missing	6	133	1.5
Invalid	7	1	0.0
Not administered	8	8,177	91.8
Omitted	9	17	0.2
		8,912	100.0%

Variable Name : S032656 Pacific Ring of Fire (A)
Record Number : 1
Position : 695-695
Format : N1.0
Comment : S04 11: Earth Science\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
A	1	1,048	11.8
B	2	93	1.0
C	3	160	1.8
D	4	170	1.9
Missing	6	3	0.0
Invalid	7	3	0.0
Not administered	8	7,429	83.4
Omitted	9	6	0.1
		8,912	100.0%

Variable Name : SF32656 Pacific Ring of Fire (A)
Record Number : 1
Position : 696-696
Format : N1.0
Comment : S04 11: Earth Science\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
A	1	380	4.3
B	2	69	0.8
C	3	82	0.9
D	4	41	0.5
Missing	6	141	1.6
Invalid	7	0	0.0
Not administered	8	8,177	91.8
Omitted	9	22	0.3
		8,912	100.0%

Variable Name : S032625A Compass Placed Next To A Magnet/Draw (1)
Record Number : 1
Position : 697-698
Format : N2.0
Comment : S04 12: Physics\Reasoning and Analysis

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	668	7.5
70 - Incorrect response	70	266	3.0
71 - Incorrect response	71	31	0.4
72 - Incorrect response	72	334	3.8
79 - Incorrect response	79	115	1.3
Missing	96	4	0.0
Not administered	98	7,429	83.4
Omitted	99	65	0.7
		8,912	100.0%

Variable Name : S032625B Compass Placed Next To A Magnet/Expl (1)
Record Number : 1
Position : 699-700
Format : N2.0
Comment : S04 12: Physics\Reasoning and Analysis

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	548	6.2
19 - Correct response	19	5	0.1
70 - Incorrect response	70	206	2.3
71 - Incorrect response	71	126	1.4
79 - Incorrect response	79	395	4.4
Missing	96	6	0.1
Not administered	98	7,429	83.4
Omitted	99	197	2.2
		8,912	100.0%

Variable Name : SF32625A Compass Placed Next To A Magnet/Draw (1)
Record Number : 1
Position : 701-702
Format : N2.0
Comment : S04 12: Physics\Reasoning and Analysis

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	215	2.4
70 - Incorrect response	70	84	0.9
71 - Incorrect response	71	23	0.3
72 - Incorrect response	72	142	1.6
79 - Incorrect response	79	44	0.5
Missing	96	161	1.8
Not administered	98	8,177	91.8
Omitted	99	66	0.7
		8,912	100.0%

Variable Name : SF32625B Compass Placed Next To A Magnet/Expl (1)
Record Number : 1
Position : 703-704
Format : N2.0
Comment : S04 12: Physics\Reasoning and Analysis

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	160	1.8
19 - Correct response	19	3	0.0
70 - Incorrect response	70	62	0.7
71 - Incorrect response	71	54	0.6
79 - Incorrect response	79	147	1.7
Missing	96	216	2.4
Not administered	98	8,177	91.8
Omitted	99	93	1.0
		8,912	100.0%

Variable Name : S022183 Gas Needed For Rust To Form (B)
Record Number : 1
Position : 705-705
Format : N1.0
Comment : S05 01: Chemistry\Factual Knowledge (T)

Response	Codes Percent	Unweighted Frequency	
A	1	700	7.9
B	2	680	7.6
C	3	677	7.6
D	4	145	1.6
Missing	6	4	0.0
Invalid	7	0	0.0
Not administered	8	6,693	75.1
Omitted	9	13	0.2
		8,912	100.0%

Variable Name : SF22183 Gas Needed For Rust To Form (B)
Record Number : 1
Position : 706-706
Format : N1.0
Comment : S05 01: Chemistry\Factual Knowledge (T)

Response	Codes Percent	Unweighted Frequency	
A	1	256	2.9
B	2	203	2.3
C	3	196	2.2
D	4	47	0.5
Missing	6	21	0.2
Invalid	7	0	0.0
Not administered	8	8,178	91.8
Omitted	9	11	0.1
		8,912	100.0%

Variable Name : S022276 Observation of Bubbling Electrode (A)
Record Number : 1
Position : 707-707
Format : N1.0
Comment : S05 02: Chemistry\Conceptual Understanding (T)

Response	Codes Percent	Unweighted Frequency	
A	1	1,625	18.2
B	2	85	1.0
C	3	260	2.9
D	4	120	1.4
E	5	111	1.3
Missing	6	5	0.1
Invalid	7	1	0.0
Not administered	8	6,693	75.1
Omitted	9	12	0.1
		8,912	100.0%

Variable Name : SF22276 Observation of Bubbling Electrode (A)
Record Number : 1
Position : 708-708
Format : N1.0
Comment : S05 02: Chemistry\Conceptual Understanding (T)

Response	Codes Percent	Unweighted Frequency	
A	1	477	5.4
B	2	31	0.4
C	3	94	1.1
D	4	49	0.6
E	5	47	0.5
Missing	6	26	0.3
Invalid	7	0	0.0
Not administered	8	8,178	91.8
Omitted	9	10	0.1
		8,912	100.0%

Variable Name : S022115 Oxygen/Carbon Dioxide Cycle (D)
Record Number : 1
Position : 709-709
Format : N1.0
Comment : S05 03: Life Science\Reasoning and Analysis (T)

Response	Codes Percent	Unweighted Frequency	
A	1	82	0.9
B	2	569	6.4
C	3	128	1.4
D	4	1,424	16.0
Missing	6	5	0.1
Invalid	7	0	0.0
Not administered	8	6,693	75.1
Omitted	9	11	0.1
		8,912	100.0%

Variable Name : SF22115 Oxygen/Carbon Dioxide Cycle (D)
Record Number : 1
Position : 710-710
Format : N1.0
Comment : S05 03: Life Science\Reasoning and Analysis (T)

Response	Codes Percent	Unweighted Frequency	
A	1	29	0.3
B	2	186	2.1
C	3	55	0.6
D	4	422	4.7
Missing	6	28	0.3
Invalid	7	0	0.0
Not administered	8	8,178	91.8
Omitted	9	14	0.2
		8,912	100.0%

Variable Name : S022022 Current/Voltage Table (1)
Record Number : 1
Position : 711-712
Format : N2.0
Comment : S05 04: Physics\Reasoning and Analysis (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	933	10.5
70 - Incorrect response	70	1,123	12.6
79 - Incorrect response	79	65	0.7
Missing	96	5	0.1
Not administered	98	6,693	75.1
Omitted	99	93	1.0
		8,912	100.0%

Variable Name : SF22022 Current/Voltage Table (1)
Record Number : 1
Position : 713-714
Format : N2.0
Comment : S05 04: Physics\Reasoning and Analysis (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	254	2.9
70 - Incorrect response	70	382	4.3
79 - Incorrect response	79	25	0.3
Missing	96	33	0.4
Not administered	98	8,178	91.8
Omitted	99	40	0.5
		8,912	100.0%

Variable Name : S022019 Transmission of Sound On The Moon (C)
Record Number : 1
Position : 715-715
Format : N1.0
Comment : S05 05: Physics\Conceptual Understanding (T)

Response	Codes Percent	Unweighted Frequency	
A	1	349	3.9
B	2	91	1.0
C	3	1,530	17.2
D	4	227	2.6
Missing	6	5	0.1
Invalid	7	0	0.0
Not administered	8	6,693	75.1
Omitted	9	17	0.2
		8,912	100.0%

Variable Name : SF22019 Transmission of Sound On The Moon (C)
Record Number : 1
Position : 716-716
Format : N1.0
Comment : S05 05: Physics\Conceptual Understanding (T)

Response	Codes Percent	Unweighted Frequency	
A	1	105	1.2
B	2	60	0.7
C	3	455	5.1
D	4	61	0.7
Missing	6	37	0.4
Invalid	7	0	0.0
Not administered	8	8,178	91.8
Omitted	9	16	0.2
		8,912	100.0%

Variable Name : S022002 Heat Conductivity Experiment (C)
Record Number : 1
Position : 717-717
Format : N1.0
Comment : S05 06: Physics\Conceptual Understanding (T)

Response	Codes Percent	Unweighted Frequency	
A	1	197	2.2
B	2	93	1.0
C	3	1,272	14.3
D	4	639	7.2
Missing	6	6	0.1
Invalid	7	1	0.0
Not administered	8	6,693	75.1
Omitted	9	11	0.1
		8,912	100.0%

Variable Name : SF22002 Heat Conductivity Experiment (C)
Record Number : 1
Position : 718-718
Format : N1.0
Comment : S05 06: Physics\Conceptual Understanding (T)

Response	Codes Percent	Unweighted Frequency	
A	1	64	0.7
B	2	36	0.4
C	3	362	4.1
D	4	212	2.4
Missing	6	42	0.5
Invalid	7	1	0.0
Not administered	8	8,178	91.8
Omitted	9	17	0.2
		8,912	100.0%

Variable Name : S022294 Energy For Earths Water Cycle (B)
Record Number : 1
Position : 719-719
Format : N1.0
Comment : S05 07: Earth Science\Factual Knowledge (T)

Response	Codes Percent	Unweighted Frequency	
A	1	108	1.2
B	2	1,410	15.8
C	3	406	4.6
D	4	276	3.1
Missing	6	6	0.1
Invalid	7	0	0.0
Not administered	8	6,693	75.1
Omitted	9	13	0.2
		8,912	100.0%

Variable Name : SF22294 Energy For Earths Water Cycle (B)
 Record Number : 1
 Position : 720-720
 Format : N1.0
 Comment : S05 07: Earth Science\Factual Knowledge (T)

Response	Codes Percent	Unweighted Frequency	
A	1	50	0.6
B	2	418	4.7
C	3	134	1.5
D	4	77	0.9
Missing	6	51	0.6
Invalid	7	0	0.0
Not administered	8	8,178	91.8
Omitted	9	4	0.0
		8,912	100.0%

Variable Name : S022106 Animal On Earth Longest Time (C)
 Record Number : 1
 Position : 721-721
 Format : N1.0
 Comment : S05 08: Life Science\Factual Knowledge (T)

Response	Codes Percent	Unweighted Frequency	
A	1	105	1.2
B	2	158	1.8
C	3	566	6.4
D	4	1,358	15.2
Missing	6	6	0.1
Invalid	7	11	0.1
Not administered	8	6,693	75.1
Omitted	9	15	0.2
		8,912	100.0%

Variable Name : SF22106 Animal On Earth Longest Time (C)
 Record Number : 1
 Position : 722-722
 Format : N1.0
 Comment : S05 08: Life Science\Factual Knowledge (T)

Response	Codes Percent	Unweighted Frequency	
A	1	39	0.4
B	2	44	0.5
C	3	174	2.0
D	4	418	4.7
Missing	6	53	0.6
Invalid	7	2	0.0
Not administered	8	8,178	91.8
Omitted	9	4	0.0
		8,912	100.0%

Variable Name : S022244 Acid Rain From Sulfur Dioxide (1)
Record Number : 1
Position : 723-724
Format : N2.0
Comment : S05 09: Environmental Science\Reasoning and Analysis (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	118	1.3
11 - Correct response	11	630	7.1
19 - Correct response	19	7	0.1
70 - Incorrect response	70	350	3.9
79 - Incorrect response	79	770	8.6
Missing	96	6	0.1
Not administered	98	6,693	75.1
Omitted	99	338	3.8
		8,912	100.0%

Variable Name : SF22244 Acid Rain From Sulfur Dioxide (1)
Record Number : 1
Position : 725-726
Format : N2.0
Comment : S05 09: Environmental Science\Reasoning and Analysis (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	38	0.4
11 - Correct response	11	147	1.7
19 - Correct response	19	0	0.0
70 - Incorrect response	70	114	1.3
79 - Incorrect response	79	239	2.7
Missing	96	54	0.6
Not administered	98	8,178	91.8
Omitted	99	142	1.6
		8,912	100.0%

Variable Name : S022150 Lev of Organization In Living Things (A)
Record Number : 1
Position : 727-727
Format : N1.0
Comment : S05 10: Life Science\Conceptual Understanding (T)

Response	Codes Percent	Unweighted Frequency	
A	1	1,158	13.0
B	2	268	3.0
C	3	527	5.9
D	4	236	2.7
Missing	6	9	0.1
Invalid	7	1	0.0
Not administered	8	6,693	75.1
Omitted	9	20	0.2
		8,912	100.0%

Variable Name : SF22150 Lev of Organization In Living Things (A)
 Record Number : 1
 Position : 728-728
 Format : N1.0
 Comment : S05 10: Life Science\Conceptual Understanding (T)

Response	Codes Percent	Unweighted Frequency	
A	1	356	4.0
B	2	72	0.8
C	3	149	1.7
D	4	78	0.9
Missing	6	65	0.7
Invalid	7	0	0.0
Not administered	8	8,178	91.8
Omitted	9	14	0.2
		8,912	100.0%

Variable Name : S022042 Graph Interpretation of Bicycle Ride (B)
 Record Number : 1
 Position : 729-729
 Format : N1.0
 Comment : S05 11: Physics\Reasoning and Analysis (T)

Response	Codes Percent	Unweighted Frequency	
A	1	455	5.1
B	2	1,317	14.8
C	3	203	2.3
D	4	218	2.5
Missing	6	10	0.1
Invalid	7	0	0.0
Not administered	8	6,693	75.1
Omitted	9	16	0.2
		8,912	100.0%

Variable Name : SF22042 Graph Interpretation of Bicycle Ride (B)
 Record Number : 1
 Position : 730-730
 Format : N1.0
 Comment : S05 11: Physics\Reasoning and Analysis (T)

Response	Codes Percent	Unweighted Frequency	
A	1	149	1.7
B	2	375	4.2
C	3	60	0.7
D	4	65	0.7
Missing	6	70	0.8
Invalid	7	0	0.0
Not administered	8	8,178	91.8
Omitted	9	15	0.2
		8,912	100.0%

Variable Name : S022289 Heart Rate Increasing With Exercise (2)
 Record Number : 1
 Position : 731-732
 Format : N2.0
 Comment : S05 12: Life Science\Reasoning and Analysis (T)

Response	Codes Percent	Unweighted Frequency	
10 - Partial response	10	245	2.8
11 - Partial response	11	914	10.3
12 - Partial response	12	24	0.3
19 - Partial response	19	17	0.2
20 - Correct response	20	365	4.1
29 - Correct response	29	8	0.1
70 - Incorrect response	70	350	3.9
79 - Incorrect response	79	205	2.3
Missing	96	12	0.1
Not administered	98	6,693	75.1
Omitted	99	79	0.9
		8,912	100.0%

Variable Name : SF22289 Heart Rate Increasing With Exercise (2)
 Record Number : 1
 Position : 733-734
 Format : N2.0
 Comment : S05 12: Life Science\Reasoning and Analysis (T)

Response	Codes Percent	Unweighted Frequency	
10 - Partial response	10	98	1.1
11 - Partial response	11	233	2.6
12 - Partial response	12	7	0.1
19 - Partial response	19	1	0.0
20 - Correct response	20	87	1.0
29 - Correct response	29	0	0.0
70 - Incorrect response	70	96	1.1
79 - Incorrect response	79	99	1.1
Missing	96	78	0.9
Not administered	98	8,178	91.8
Omitted	99	35	0.4
		8,912	100.0%

Variable Name : S022069 Temperature of Boiling Water (1)
Record Number : 1
Position : 735-736
Format : N2.0
Comment : S05 13: Physics\Conceptual Understanding (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	452	5.1
19 - Correct response	19	0	0.0
70 - Incorrect response	70	109	1.2
71 - Incorrect response	71	1,365	15.3
72 - Incorrect response	72	114	1.3
79 - Incorrect response	79	80	0.9
Missing	96	13	0.2
Not administered	98	6,693	75.1
Omitted	99	86	1.0
		8,912	100.0%

Variable Name : SF22069 Temperature of Boiling Water (1)
Record Number : 1
Position : 737-738
Format : N2.0
Comment : S05 13: Physics\Conceptual Understanding (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	116	1.3
19 - Correct response	19	0	0.0
70 - Incorrect response	70	42	0.5
71 - Incorrect response	71	356	4.0
72 - Incorrect response	72	36	0.4
79 - Incorrect response	79	42	0.5
Missing	96	100	1.1
Not administered	98	8,178	91.8
Omitted	99	42	0.5
		8,912	100.0%

Variable Name : S022268 Freezing Salt Water Experiment (1)
Record Number : 1
Position : 739-740
Format : N2.0
Comment : S05 14: Physics\Reasoning and Analysis (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	825	9.3
11 - Correct response	11	462	5.2
19 - Correct response	19	49	0.6
70 - Incorrect response	70	196	2.2
71 - Incorrect response	71	94	1.1
79 - Incorrect response	79	410	4.6
Missing	96	17	0.2
Not administered	98	6,693	75.1
Omitted	99	166	1.9
		8,912	100.0%

Variable Name : SF22268 Freezing Salt Water Experiment (1)
Record Number : 1
Position : 741-742
Format : N2.0
Comment : S05 14: Physics\Reasoning and Analysis (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	204	2.3
11 - Correct response	11	128	1.4
19 - Correct response	19	5	0.1
70 - Incorrect response	70	50	0.6
71 - Incorrect response	71	20	0.2
79 - Incorrect response	79	134	1.5
Missing	96	131	1.5
Not administered	98	8,178	91.8
Omitted	99	62	0.7
		8,912	100.0%

Variable Name : S022290 Earth Year (D)
Record Number : 1
Position : 743-743
Format : N1.0
Comment : S06 01: Earth Science\Factual Knowledge (T)

Response	Codes Percent	Unweighted Frequency	
A	1	458	5.1
B	2	119	1.3
C	3	121	1.4
D	4	1,508	16.9
Missing	6	1	0.0
Invalid	7	0	0.0
Not administered	8	6,698	75.2
Omitted	9	7	0.1
		8,912	100.0%

Variable Name : SF22290 Earth Year (D)
Record Number : 1
Position : 744-744
Format : N1.0
Comment : S06 01: Earth Science\Factual Knowledge (T)

Response	Codes Percent	Unweighted Frequency	
A	1	166	1.9
B	2	28	0.3
C	3	49	0.6
D	4	490	5.5
Missing	6	11	0.1
Invalid	7	1	0.0
Not administered	8	8,158	91.5
Omitted	9	9	0.1
		8,912	100.0%

Variable Name : S022292 Water Level In U-Tube (1)
Record Number : 1
Position : 745-746
Format : N2.0
Comment : S06 02: Physics\Reasoning and Analysis (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	903	10.1
70 - Incorrect response	70	341	3.8
71 - Incorrect response	71	486	5.5
72 - Incorrect response	72	118	1.3
79 - Incorrect response	79	269	3.0
Missing	96	1	0.0
Not administered	98	6,698	75.2
Omitted	99	96	1.1
		8,912	100.0%

Variable Name : SF22292 Water Level In U-Tube (1)
Record Number : 1
Position : 747-748
Format : N2.0
Comment : S06 02: Physics\Reasoning and Analysis (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	272	3.1
70 - Incorrect response	70	127	1.4
71 - Incorrect response	71	168	1.9
72 - Incorrect response	72	62	0.7
79 - Incorrect response	79	66	0.7
Missing	96	17	0.2
Not administered	98	8,158	91.5
Omitted	99	42	0.5
		8,912	100.0%

Variable Name : S022054 Alcohol/Glass Expansion In Thermomet (D)
Record Number : 1
Position : 749-749
Format : N1.0
Comment : S06 03: Physics\Conceptual Understanding (T)

Response	Codes Percent	Unweighted Frequency	
A	1	155	1.7
B	2	659	7.4
C	3	248	2.8
D	4	1,138	12.8
Missing	6	2	0.0
Invalid	7	0	0.0
Not administered	8	6,698	75.2
Omitted	9	12	0.1
		8,912	100.0%

Variable Name : SF22054 Alcohol/Glass Expansion In Thermomet (D)
Record Number : 1
Position : 750-750
Format : N1.0
Comment : S06 03: Physics\Conceptual Understanding (T)

Response	Codes Percent	Unweighted Frequency	
A	1	56	0.6
B	2	211	2.4
C	3	88	1.0
D	4	367	4.1
Missing	6	20	0.2
Invalid	7	0	0.0
Not administered	8	8,158	91.5
Omitted	9	12	0.1
		8,912	100.0%

Variable Name : S022181 Sugar Dissolving In Water (B)
Record Number : 1
Position : 751-751
Format : N1.0
Comment : S06 04: Chemistry\Factual Knowledge (T)

Response	Codes Percent	Unweighted Frequency	
A	1	97	1.1
B	2	908	10.2
C	3	282	3.2
D	4	910	10.2
Missing	6	2	0.0
Invalid	7	1	0.0
Not administered	8	6,698	75.2
Omitted	9	14	0.2
		8,912	100.0%

Variable Name : SF22181 Sugar Dissolving In Water (B)
 Record Number : 1
 Position : 752-752
 Format : N1.0
 Comment : S06 04: Chemistry\Factual Knowledge (T)

Response	Codes Percent	Unweighted Frequency	
A	1	47	0.5
B	2	282	3.2
C	3	105	1.2
D	4	291	3.3
Missing	6	22	0.3
Invalid	7	0	0.0
Not administered	8	8,158	91.5
Omitted	9	7	0.1
		8,912	100.0%

Variable Name : S022208 Not A Chemical Change (A)
 Record Number : 1
 Position : 753-753
 Format : N1.0
 Comment : S06 05: Chemistry\Conceptual Understanding (T)

Response	Codes Percent	Unweighted Frequency	
A	1	1,007	11.3
B	2	393	4.4
C	3	330	3.7
D	4	468	5.3
Missing	6	2	0.0
Invalid	7	0	0.0
Not administered	8	6,698	75.2
Omitted	9	14	0.2
		8,912	100.0%

Variable Name : SF22208 Not A Chemical Change (A)
 Record Number : 1
 Position : 754-754
 Format : N1.0
 Comment : S06 05: Chemistry\Conceptual Understanding (T)

Response	Codes Percent	Unweighted Frequency	
A	1	351	3.9
B	2	139	1.6
C	3	88	1.0
D	4	146	1.6
Missing	6	22	0.3
Invalid	7	0	0.0
Not administered	8	8,158	91.5
Omitted	9	8	0.1
		8,912	100.0%

Variable Name : S022078 Light From Sun And Moon (1)
Record Number : 1
Position : 755-756
Format : N2.0
Comment : S06 06: Earth Science\Conceptual Understanding (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	1,503	16.9
19 - Correct response	19	4	0.0
70 - Incorrect response	70	34	0.4
71 - Incorrect response	71	134	1.5
79 - Incorrect response	79	398	4.5
Missing	96	2	0.0
Not administered	98	6,698	75.2
Omitted	99	139	1.6
		8,912	100.0%

Variable Name : SF22078 Light From Sun And Moon (1)
Record Number : 1
Position : 757-758
Format : N2.0
Comment : S06 06: Earth Science\Conceptual Understanding (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	472	5.3
19 - Correct response	19	0	0.0
70 - Incorrect response	70	13	0.2
71 - Incorrect response	71	62	0.7
79 - Incorrect response	79	117	1.3
Missing	96	23	0.3
Not administered	98	8,158	91.5
Omitted	99	67	0.8
		8,912	100.0%

Variable Name : S022126 Function of Chlorophyll (A)
Record Number : 1
Position : 759-759
Format : N1.0
Comment : S06 07: Life Science\Factual Knowledge (T)

Response	Codes Percent	Unweighted Frequency	
A	1	1,277	14.3
B	2	638	7.2
C	3	96	1.1
D	4	180	2.0
Missing	6	2	0.0
Invalid	7	1	0.0
Not administered	8	6,698	75.2
Omitted	9	20	0.2
		8,912	100.0%

Variable Name : SF22126 Function of Chlorophyll (A)
Record Number : 1
Position : 760-760
Format : N1.0
Comment : S06 07: Life Science\Factual Knowledge (T)

Response	Codes Percent	Unweighted Frequency	
A	1	416	4.7
B	2	201	2.3
C	3	36	0.4
D	4	60	0.7
Missing	6	29	0.3
Invalid	7	1	0.0
Not administered	8	8,158	91.5
Omitted	9	11	0.1
		8,912	100.0%

Variable Name : S022281 Mass of Freezing Water (1)
Record Number : 1
Position : 761-762
Format : N2.0
Comment : S06 08: Physics\Conceptual Understanding (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	760	8.5
11 - Correct response	11	27	0.3
12 - Correct response	12	21	0.2
19 - Correct response	19	2	0.0
70 - Incorrect response	70	331	3.7
71 - Incorrect response	71	874	9.8
72 - Incorrect response	72	142	1.6
79 - Incorrect response	79	23	0.3
Missing	96	4	0.0
Not administered	98	6,698	75.2
Omitted	99	30	0.3
		8,912	100.0%

Variable Name : SF22281 Mass of Freezing Water (1)
Record Number : 1
Position : 763-764
Format : N2.0
Comment : S06 08: Physics\Conceptual Understanding (T)

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	219	2.5
11 - Correct response	11	7	0.1
12 - Correct response	12	6	0.1
19 - Correct response	19	0	0.0
70 - Incorrect response	70	103	1.2
71 - Incorrect response	71	287	3.2
72 - Incorrect response	72	63	0.7
79 - Incorrect response	79	16	0.2
Missing	96	32	0.4
Not administered	98	8,158	91.5
Omitted	99	21	0.2
		8,912	100.0%

Variable Name : S032385 Characteristic Found Only In Mammals (B)
Record Number : 1
Position : 765-765
Format : N1.0
Comment : S06 09: Life Science\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
A	1	293	3.3
B	2	1,238	13.9
C	3	394	4.4
D	4	267	3.0
Missing	6	6	0.1
Invalid	7	0	0.0
Not administered	8	6,698	75.2
Omitted	9	16	0.2
		8,912	100.0%

Variable Name : SF32385 Characteristic Found Only In Mammals (B)
Record Number : 1
Position : 766-766
Format : N1.0
Comment : S06 09: Life Science\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
A	1	109	1.2
B	2	406	4.6
C	3	112	1.3
D	4	82	0.9
Missing	6	33	0.4
Invalid	7	0	0.0
Not administered	8	8,158	91.5
Omitted	9	12	0.1
		8,912	100.0%

Variable Name : S032035 Whether Two People Are Related (C)
Record Number : 1
Position : 767-767
Format : N1.0
Comment : S06 10: Life Science\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
A	1	562	6.3
B	2	29	0.3
C	3	1,567	17.6
D	4	44	0.5
Missing	6	7	0.1
Invalid	7	1	0.0
Not administered	8	6,698	75.2
Omitted	9	4	0.0
		8,912	100.0%

Variable Name : SF32035 Whether Two People Are Related (C)
Record Number : 1
Position : 768-768
Format : N1.0
Comment : S06 10: Life Science\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
A	1	159	1.8
B	2	23	0.3
C	3	516	5.8
D	4	14	0.2
Missing	6	37	0.4
Invalid	7	1	0.0
Not administered	8	8,158	91.5
Omitted	9	4	0.0
		8,912	100.0%

Variable Name : S032519 Effect of Dam On Wildlife (1)
Record Number : 1
Position : 769-770
Format : N2.0
Comment : S06 11: Environmental Science\Reasoning and Analysis

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	1,339	15.0
11 - Correct response	11	93	1.0
19 - Correct response	19	35	0.4
70 - Incorrect response	70	208	2.3
71 - Incorrect response	71	166	1.9
79 - Incorrect response	79	255	2.9
Missing	96	7	0.1
Not administered	98	6,698	75.2
Omitted	99	111	1.3
		8,912	100.0%

Variable Name : SF32519 Effect of Dam On Wildlife (1)
Record Number : 1
Position : 771-772
Format : N2.0
Comment : S06 11: Environmental Science\Reasoning and Analysis

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	381	4.3
11 - Correct response	11	21	0.2
19 - Correct response	19	7	0.1
70 - Incorrect response	70	67	0.8
71 - Incorrect response	71	56	0.6
79 - Incorrect response	79	125	1.4
Missing	96	40	0.5
Not administered	98	8,158	91.5
Omitted	99	57	0.6
		8,912	100.0%

Variable Name : S032683 Differ Materi Sorted Into Two Groups (D)
Record Number : 1
Position : 773-773
Format : N1.0
Comment : S06 12: Chemistry\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
A	1	318	3.6
B	2	448	5.0
C	3	622	7.0
D	4	802	9.0
Missing	6	9	0.1
Invalid	7	1	0.0
Not administered	8	6,698	75.2
Omitted	9	14	0.2
		8,912	100.0%

Variable Name : SF32683 Differ Materi Sorted Into Two Groups (D)
Record Number : 1
Position : 774-774
Format : N1.0
Comment : S06 12: Chemistry\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
A	1	110	1.2
B	2	140	1.6
C	3	184	2.1
D	4	262	2.9
Missing	6	49	0.6
Invalid	7	0	0.0
Not administered	8	8,158	91.5
Omitted	9	9	0.1
		8,912	100.0%

Variable Name : S032258 Gall Bladder Stores Bile (C)
Record Number : 1
Position : 775-775
Format : N1.0
Comment : S06 13: Life Science\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
A	1	158	1.8
B	2	314	3.5
C	3	1,654	18.6
D	4	62	0.7
Missing	6	10	0.1
Invalid	7	3	0.0
Not administered	8	6,698	75.2
Omitted	9	13	0.2
		8,912	100.0%

Variable Name : SF32258 Gall Bladder Stores Bile (C)
Record Number : 1
Position : 776-776
Format : N1.0
Comment : S06 13: Life Science\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
A	1	53	0.6
B	2	88	1.0
C	3	530	6.0
D	4	22	0.3
Missing	6	56	0.6
Invalid	7	0	0.0
Not administered	8	8,158	91.5
Omitted	9	5	0.1
		8,912	100.0%

Variable Name : S032120A Use of Science And Techno/Oil Spills (1)
Record Number : 1
Position : 777-778
Format : N2.0
Comment : S06 14A: Environmental Science\Reasoning and Analysis

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	481	5.4
11 - Correct response	11	289	3.2
19 - Correct response	19	72	0.8
70 - Incorrect response	70	614	6.9
79 - Incorrect response	79	481	5.4
Missing	96	12	0.1
Not administered	98	6,698	75.2
Omitted	99	265	3.0
		8,912	100.0%

Variable Name : SF32120A Use of Science And Techno/Oil Spills (1)
Record Number : 1
Position : 779-780
Format : N2.0
Comment : S06 14A: Environmental Science\Reasoning and Analysis

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	145	1.6
11 - Correct response	11	81	0.9
19 - Correct response	19	11	0.1
70 - Incorrect response	70	188	2.1
79 - Incorrect response	79	179	2.0
Missing	96	59	0.7
Not administered	98	8,158	91.5
Omitted	99	91	1.0
		8,912	100.0%

Variable Name : S032120B Use of Science And Techno/Glob Warmi (1)
Record Number : 1
Position : 781-782
Format : N2.0
Comment : S06 14B: Environmental Science\Reasoning and Analysis

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	202	2.3
11 - Correct response	11	151	1.7
19 - Correct response	19	70	0.8
70 - Incorrect response	70	425	4.8
71 - Incorrect response	71	174	2.0
72 - Incorrect response	72	97	1.1
79 - Incorrect response	79	707	7.9
Missing	96	16	0.2
Not administered	98	6,698	75.2
Omitted	99	372	4.2
		8,912	100.0%

Variable Name : SF32120B Use of Science And Techno/Glob Warmi (1)
Record Number : 1
Position : 783-784
Format : N2.0
Comment : S06 14B: Environmental Science\Reasoning and Analysis

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	83	0.9
11 - Correct response	11	48	0.5
19 - Correct response	19	11	0.1
70 - Incorrect response	70	95	1.1
71 - Incorrect response	71	40	0.5
72 - Incorrect response	72	44	0.5
79 - Incorrect response	79	241	2.7
Missing	96	139	1.6
Not administered	98	8,158	91.5
Omitted	99	53	0.6
		8,912	100.0%

Variable Name : S032606 Which Organ System (D)
Record Number : 1
Position : 785-785
Format : N1.0
Comment : S07 01: Life Science\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
A	1	43	0.5
B	2	57	0.6
C	3	44	0.5
D	4	608	6.8
Missing	6	0	0.0
Invalid	7	0	0.0
Not administered	8	8,157	91.5
Omitted	9	3	0.0
		8,912	100.0%

Variable Name : SF32606 Which Organ System (D)
Record Number : 1
Position : 786-786
Format : N1.0
Comment : S07 01: Life Science\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
A	1	50	0.6
B	2	64	0.7
C	3	48	0.5
D	4	547	6.1
Missing	6	12	0.1
Invalid	7	1	0.0
Not administered	8	8,186	91.9
Omitted	9	4	0.0
		8,912	100.0%

Variable Name : S032015 Structure Found In Plant Cells (1)
Record Number : 1
Position : 787-788
Format : N2.0
Comment : S07 02: Life Science\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	236	2.7
11 - Correct response	11	102	1.1
12 - Correct response	12	4	0.0
19 - Correct response	19	1	0.0
70 - Incorrect response	70	46	0.5
71 - Incorrect response	71	83	0.9
79 - Incorrect response	79	173	1.9
Missing	96	0	0.0
Not administered	98	8,157	91.5
Omitted	99	110	1.2
		8,912	100.0%

Variable Name : SF32015 Structure Found In Plant Cells (1)
Record Number : 1
Position : 789-790
Format : N2.0
Comment : S07 02: Life Science\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	158	1.8
11 - Correct response	11	96	1.1
12 - Correct response	12	3	0.0
19 - Correct response	19	1	0.0
70 - Incorrect response	70	62	0.7
71 - Incorrect response	71	102	1.1
79 - Incorrect response	79	174	2.0
Missing	96	14	0.2
Not administered	98	8,186	91.9
Omitted	99	116	1.3
		8,912	100.0%

Variable Name : S032310A Two Factor Needed For Photosynthesis (1)
Record Number : 1
Position : 791-792
Format : N2.0
Comment : S07 03: Life Science\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	396	4.4
11 - Correct response	11	31	0.4
12 - Correct response	12	60	0.7
13 - Correct response	13	3	0.0
19 - Correct response	19	0	0.0
70 - Incorrect response	70	21	0.2
71 - Incorrect response	71	15	0.2
72 - Incorrect response	72	2	0.0
79 - Incorrect response	79	113	1.3
Missing	96	0	0.0
Not administered	98	8,157	91.5
Omitted	99	114	1.3
		8,912	100.0%

Variable Name : S032310B Two Factor Needed For Photosynthesis (1)
Record Number : 1
Position : 793-794
Format : N2.0
Comment : S07 03: Life Science\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	72	0.8
11 - Correct response	11	87	1.0
12 - Correct response	12	197	2.2
13 - Correct response	13	10	0.1
19 - Correct response	19	1	0.0
70 - Incorrect response	70	49	0.6
71 - Incorrect response	71	32	0.4
72 - Incorrect response	72	14	0.2
79 - Incorrect response	79	145	1.6
Missing	96	0	0.0
Not administered	98	8,157	91.5
Omitted	99	148	1.7
		8,912	100.0%

Variable Name : S032310D Two Factor Needed For Photosynthesis (1)
Record Number : 1
Position : 795-796
Format : N2.0
Comment : S07 03: Life Science\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	215	2.4
20 - Correct response	20	321	3.6
70 - Incorrect response	70	105	1.2
79 - Partially correct response	79	0	0.0
Missing	96	0	0.0
Not administered	98	8,157	91.5
Omitted	99	114	1.3
		8,912	100.0%

Variable Name : SF32310A Two Factor Needed For Photosynthesis (1)
Record Number : 1
Position : 797-798
Format : N2.0
Comment : S07 03: Life Science\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	370	4.2
11 - Correct response	11	30	0.3
12 - Correct response	12	77	0.9
13 - Correct response	13	6	0.1
19 - Correct response	19	0	0.0
70 - Incorrect response	70	16	0.2
71 - Incorrect response	71	15	0.2
72 - Incorrect response	72	1	0.0
79 - Incorrect response	79	105	1.2
Missing	96	19	0.2
Not administered	98	8,186	91.9
Omitted	99	87	1.0
		8,912	100.0%

Variable Name : SF32310B Two Factor Needed For Photosynthesis (1)
Record Number : 1
Position : 799-800
Format : N2.0
Comment : S07 03: Life Science\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	88	1.0
11 - Correct response	11	51	0.6
12 - Correct response	12	244	2.7
13 - Correct response	13	11	0.1
19 - Correct response	19	3	0.0
70 - Incorrect response	70	29	0.3
71 - Incorrect response	71	12	0.1
72 - Incorrect response	72	21	0.2
79 - Incorrect response	79	131	1.5
Missing	96	19	0.2
Not administered	98	8,186	91.9
Omitted	99	117	1.3
		8,912	100.0%

Variable Name : SF32310D Two Factor Needed For Photosynthesis (1)
Record Number : 1
Position : 801-802
Format : N2.0
Comment : S07 03: Life Science\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	182	2.0
20 - Correct response	20	349	3.9
70 - Incorrect response	70	89	1.0
79 - Partially correct response	79	0	0.0
Missing	96	19	0.2
Not administered	98	8,186	91.9
Omitted	99	87	1.0
		8,912	100.0%

Variable Name : S032680 Identify Iron, Water And Oxygen (2)
Record Number : 1
Position : 803-804
Format : N2.0
Comment : S07 04: Chemistry\Reasoning and Analysis

Response	Codes Percent	Unweighted Frequency	
10 - Partial response	10	26	0.3
11 - Partial response	11	41	0.5
12 - Partial response	12	161	1.8
13 - Partial response	13	41	0.5
19 - Partial response	19	0	0.0
20 - Correct response	20	312	3.5
79 - Incorrect response	79	147	1.7
Missing	96	0	0.0
Not administered	98	8,157	91.5
Omitted	99	27	0.3
		8,912	100.0%

Variable Name : SF32680 Identify Iron, Water And Oxygen (2)
Record Number : 1
Position : 805-806
Format : N2.0
Comment : S07 04: Chemistry\Reasoning and Analysis

Response	Codes Percent	Unweighted Frequency	
10 - Partial response	10	6	0.1
11 - Partial response	11	38	0.4
12 - Partial response	12	109	1.2
13 - Partial response	13	64	0.7
19 - Partial response	19	0	0.0
20 - Correct response	20	312	3.5
79 - Incorrect response	79	138	1.6
Missing	96	22	0.3
Not administered	98	8,186	91.9
Omitted	99	37	0.4
		8,912	100.0%

Variable Name : S032672 Example of Acidic Solution (B)
Record Number : 1
Position : 807-807
Format : N1.0
Comment : S07 05: Chemistry\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
A	1	322	3.6
B	2	354	4.0
C	3	28	0.3
D	4	44	0.5
Missing	6	0	0.0
Invalid	7	0	0.0
Not administered	8	8,157	91.5
Omitted	9	7	0.1
		8,912	100.0%

Variable Name : SF32672 Example of Acidic Solution (B)
Record Number : 1
Position : 808-808
Format : N1.0
Comment : S07 05: Chemistry\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
A	1	283	3.2
B	2	307	3.4
C	3	29	0.3
D	4	67	0.8
Missing	6	22	0.3
Invalid	7	1	0.0
Not administered	8	8,186	91.9
Omitted	9	17	0.2
		8,912	100.0%

Variable Name : S032392 Diagram of A Person Doing Work (C)
Record Number : 1
Position : 809-809
Format : N1.0
Comment : S07 06: Physics\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
A	1	21	0.2
B	2	27	0.3
C	3	688	7.7
D	4	13	0.2
Missing	6	0	0.0
Invalid	7	1	0.0
Not administered	8	8,157	91.5
Omitted	9	5	0.1
		8,912	100.0%

Variable Name : SF32392 Diagram of A Person Doing Work (C)
Record Number : 1
Position : 810-810
Format : N1.0
Comment : S07 06: Physics\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
A	1	22	0.3
B	2	23	0.3
C	3	619	7.0
D	4	21	0.2
Missing	6	23	0.3
Invalid	7	1	0.0
Not administered	8	8,186	91.9
Omitted	9	17	0.2
		8,912	100.0%

Variable Name : S032425 Property Conserve Dur Thermal Expans (A)
 Record Number : 1
 Position : 811-811
 Format : N1.0
 Comment : S07 07: Physics\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
A	1	275	3.1
B	2	165	1.9
C	3	104	1.2
D	4	202	2.3
Missing	6	0	0.0
Invalid	7	0	0.0
Not administered	8	8,157	91.5
Omitted	9	9	0.1
		8,912	100.0%

Variable Name : SF32425 Property Conserve Dur Thermal Expans (A)
 Record Number : 1
 Position : 812-812
 Format : N1.0
 Comment : S07 07: Physics\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
A	1	279	3.1
B	2	165	1.9
C	3	94	1.1
D	4	150	1.7
Missing	6	24	0.3
Invalid	7	0	0.0
Not administered	8	8,186	91.9
Omitted	9	14	0.2
		8,912	100.0%

Variable Name : S032257 Sound of Plucked Guitar String (B)
 Record Number : 1
 Position : 813-813
 Format : N1.0
 Comment : S07 08: Physics\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
A	1	69	0.8
B	2	368	4.1
C	3	288	3.2
D	4	23	0.3
Missing	6	0	0.0
Invalid	7	1	0.0
Not administered	8	8,157	91.5
Omitted	9	6	0.1
		8,912	100.0%

Variable Name : SF32257 Sound of Plucked Guitar String (B)
Record Number : 1
Position : 814-814
Format : N1.0
Comment : S07 08: Physics\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
A	1	63	0.7
B	2	337	3.8
C	3	264	3.0
D	4	24	0.3
Missing	6	26	0.3
Invalid	7	0	0.0
Not administered	8	8,186	91.9
Omitted	9	12	0.1
		8,912	100.0%

Variable Name : S032663 Season Cause By Tilt of Earths Axis (A)
Record Number : 1
Position : 815-815
Format : N1.0
Comment : S07 09: Earth Science\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
A	1	447	5.0
B	2	185	2.1
C	3	41	0.5
D	4	76	0.9
Missing	6	0	0.0
Invalid	7	1	0.0
Not administered	8	8,157	91.5
Omitted	9	5	0.1
		8,912	100.0%

Variable Name : SF32663 Season Cause By Tilt of Earths Axis (A)
Record Number : 1
Position : 816-816
Format : N1.0
Comment : S07 09: Earth Science\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
A	1	417	4.7
B	2	155	1.7
C	3	53	0.6
D	4	65	0.7
Missing	6	26	0.3
Invalid	7	0	0.0
Not administered	8	8,186	91.9
Omitted	9	10	0.1
		8,912	100.0%

Variable Name : S032660 Location of Fresh Water On Earth (D)
Record Number : 1
Position : 817-817
Format : N1.0
Comment : S07 10: Earth Science\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
A	1	29	0.3
B	2	206	2.3
C	3	162	1.8
D	4	352	4.0
Missing	6	0	0.0
Invalid	7	0	0.0
Not administered	8	8,157	91.5
Omitted	9	6	0.1
		8,912	100.0%

Variable Name : SF32660 Location of Fresh Water On Earth (D)
Record Number : 1
Position : 818-818
Format : N1.0
Comment : S07 10: Earth Science\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
A	1	32	0.4
B	2	190	2.1
C	3	172	1.9
D	4	295	3.3
Missing	6	26	0.3
Invalid	7	1	0.0
Not administered	8	8,186	91.9
Omitted	9	10	0.1
		8,912	100.0%

Variable Name : S032555 Table of Fertilizer/Rice Yield Data (2)
Record Number : 1
Position : 819-820
Format : N2.0
Comment : S07 11: Environmental Science\Reasoning and Analysis

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	85	1.0
11 - Correct response	11	76	0.9
12 - Correct response	12	108	1.2
19 - Correct response	19	5	0.1
70 - Incorrect response	70	111	1.3
71 - Incorrect response	71	28	0.3
79 - Incorrect response	79	206	2.3
Missing	96	0	0.0
Not administered	98	8,157	91.5
Omitted	99	136	1.5
		8,912	100.0%

Variable Name : SF32555 Table of Fertilizer/Rice Yield Data (2)
Record Number : 1
Position : 821-822
Format : N2.0
Comment : S07 11: Environmental Science\Reasoning and Analysis

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	56	0.6
11 - Correct response	11	68	0.8
12 - Correct response	12	78	0.9
19 - Correct response	19	17	0.2
70 - Incorrect response	70	93	1.0
71 - Incorrect response	71	24	0.3
79 - Incorrect response	79	192	2.2
Missing	96	35	0.4
Not administered	98	8,186	91.9
Omitted	99	163	1.8
		8,912	100.0%

Variable Name : S032122 Reason For Increase In Human Populat (1)
Record Number : 1
Position : 823-824
Format : N2.0
Comment : S07 12: Environmental Science\Reasoning and Analysis

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	199	2.2
19 - Correct response	19	2	0.0
70 - Incorrect response	70	31	0.4
71 - Incorrect response	71	286	3.2
79 - Incorrect response	79	180	2.0
Missing	96	1	0.0
Not administered	98	8,157	91.5
Omitted	99	56	0.6
		8,912	100.0%

Variable Name : SF32122 Reason For Increase In Human Populat (1)
Record Number : 1
Position : 825-826
Format : N2.0
Comment : S07 12: Environmental Science\Reasoning and Analysis

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	174	2.0
19 - Correct response	19	5	0.1
70 - Incorrect response	70	33	0.4
71 - Incorrect response	71	218	2.5
79 - Incorrect response	79	194	2.2
Missing	96	91	1.0
Not administered	98	8,186	91.9
Omitted	99	11	0.1
		8,912	100.0%

Variable Name : S032542 Classific of Animal Into Two Categor (B)
Record Number : 1
Position : 827-827
Format : N1.0
Comment : S08 01: Life Science\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
A	1	113	1.3
B	2	302	3.4
C	3	146	1.6
D	4	169	1.9
Missing	6	0	0.0
Invalid	7	0	0.0
Not administered	8	8,174	91.7
Omitted	9	8	0.1
		8,912	100.0%

Variable Name : SF32542 Classific of Animal Into Two Categor (B)
Record Number : 1
Position : 828-828
Format : N1.0
Comment : S08 01: Life Science\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
A	1	99	1.1
B	2	358	4.0
C	3	127	1.4
D	4	148	1.7
Missing	6	9	0.1
Invalid	7	1	0.0
Not administered	8	8,165	91.6
Omitted	9	5	0.1
		8,912	100.0%

Variable Name : S032645 True Statement About Producers (A)
Record Number : 1
Position : 829-829
Format : N1.0
Comment : S08 02: Life Science\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
A	1	375	4.2
B	2	66	0.7
C	3	159	1.8
D	4	132	1.5
Missing	6	0	0.0
Invalid	7	0	0.0
Not administered	8	8,174	91.7
Omitted	9	6	0.1
		8,912	100.0%

Variable Name : SF32645 True Statement About Producers (A)
Record Number : 1
Position : 830-830
Format : N1.0
Comment : S08 02: Life Science\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
A	1	377	4.2
B	2	72	0.8
C	3	153	1.7
D	4	124	1.4
Missing	6	10	0.1
Invalid	7	0	0.0
Not administered	8	8,165	91.6
Omitted	9	11	0.1
		8,912	100.0%

Variable Name : S032530A Two Conditions For Germination (1)
Record Number : 1
Position : 831-832
Format : N2.0
Comment : S08 03: Life Science\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	226	2.5
11 - Correct response	11	36	0.4
12 - Correct response	12	15	0.2
19 - Correct response	19	0	0.0
70 - Incorrect response	70	53	0.6
71 - Incorrect response	71	74	0.8
79 - Incorrect response	79	165	1.9
Missing	96	1	0.0
Not administered	98	8,174	91.7
Omitted	99	168	1.9
		8,912	100.0%

Variable Name : S032530B Two Conditions For Germination (1)
Record Number : 1
Position : 833-834
Format : N2.0
Comment : S08 03: Life Science\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	141	1.6
11 - Correct response	11	30	0.3
12 - Correct response	12	35	0.4
19 - Correct response	19	3	0.0
70 - Incorrect response	70	91	1.0
71 - Incorrect response	71	51	0.6
79 - Incorrect response	79	195	2.2
Missing	96	1	0.0
Not administered	98	8,174	91.7
Omitted	99	191	2.1
		8,912	100.0%

Variable Name : S032530D Two Conditions For Germination (1)
Record Number : 1
Position : 835-836
Format : N2.0
Comment : S08 03: Life Science\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	320	3.6
20 - Correct response	20	83	0.9
70 - Incorrect response	70	168	1.9
79 - Partially correct response	79	0	0.0
Missing	96	1	0.0
Not administered	98	8,174	91.7
Omitted	99	166	1.9
		8,912	100.0%

Variable Name : SF32530A Two Conditions For Germination (1)
Record Number : 1
Position : 837-838
Format : N2.0
Comment : S08 03: Life Science\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	226	2.5
11 - Correct response	11	30	0.3
12 - Correct response	12	16	0.2
19 - Correct response	19	1	0.0
70 - Incorrect response	70	42	0.5
71 - Incorrect response	71	66	0.7
79 - Incorrect response	79	177	2.0
Missing	96	12	0.1
Not administered	98	8,165	91.6
Omitted	99	177	2.0
		8,912	100.0%

Variable Name : SF32530B Two Conditions For Germination (1)
Record Number : 1
Position : 839-840
Format : N2.0
Comment : S08 03: Life Science\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	98	1.1
11 - Correct response	11	27	0.3
12 - Correct response	12	39	0.4
19 - Correct response	19	1	0.0
70 - Incorrect response	70	87	1.0
71 - Incorrect response	71	43	0.5
79 - Incorrect response	79	246	2.8
Missing	96	12	0.1
Not administered	98	8,165	91.6
Omitted	99	194	2.2
		8,912	100.0%

Variable Name : SF32530D Two Conditions For Germination (1)
Record Number : 1
Position : 841-842
Format : N2.0
Comment : S08 03: Life Science\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	270	3.0
20 - Correct response	20	84	0.9
70 - Incorrect response	70	205	2.3
79 - Partially correct response	79	0	0.0
Missing	96	12	0.1
Not administered	98	8,165	91.6
Omitted	99	176	2.0
		8,912	100.0%

Variable Name : S032007 One Function of The Uterus (1)
Record Number : 1
Position : 843-844
Format : N2.0
Comment : S08 04: Life Science\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	344	3.9
19 - Correct response	19	5	0.1
70 - Incorrect response	70	109	1.2
71 - Incorrect response	71	26	0.3
79 - Incorrect response	79	108	1.2
Missing	96	1	0.0
Not administered	98	8,174	91.7
Omitted	99	145	1.6
		8,912	100.0%

Variable Name : SF32007 One Function of The Uterus (1)
Record Number : 1
Position : 845-846
Format : N2.0
Comment : S08 04: Life Science\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	351	3.9
19 - Correct response	19	8	0.1
70 - Incorrect response	70	117	1.3
71 - Incorrect response	71	30	0.3
79 - Incorrect response	79	107	1.2
Missing	96	14	0.2
Not administered	98	8,165	91.6
Omitted	99	120	1.4
		8,912	100.0%

Variable Name : S032502 Diagram Representing Water Molecules (C)
Record Number : 1
Position : 847-847
Format : N1.0
Comment : S08 05: Chemistry\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
A	1	182	2.0
B	2	41	0.5
C	3	359	4.0
D	4	145	1.6
Missing	6	1	0.0
Invalid	7	0	0.0
Not administered	8	8,174	91.7
Omitted	9	10	0.1
		8,912	100.0%

Variable Name : SF32502 Diagram Representing Water Molecules (C)
Record Number : 1
Position : 848-848
Format : N1.0
Comment : S08 05: Chemistry\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
A	1	187	2.1
B	2	52	0.6
C	3	324	3.6
D	4	162	1.8
Missing	6	15	0.2
Invalid	7	1	0.0
Not administered	8	8,165	91.6
Omitted	9	6	0.1
		8,912	100.0%

Variable Name : S032679 Energy Released During A Chemi React (1)
Record Number : 1
Position : 849-850
Format : N2.0
Comment : S08 06: Chemistry\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	53	0.6
11 - Correct response	11	61	0.7
12 - Correct response	12	52	0.6
19 - Correct response	19	6	0.1
70 - Incorrect response	70	166	1.9
71 - Incorrect response	71	55	0.6
79 - Incorrect response	79	220	2.5
Missing	96	1	0.0
Not administered	98	8,174	91.7
Omitted	99	124	1.4
		8,912	100.0%

Variable Name : SF32679 Energy Released During A Chemi React (1)
Record Number : 1
Position : 851-852
Format : N2.0
Comment : S08 06: Chemistry\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	63	0.7
11 - Correct response	11	43	0.5
12 - Correct response	12	56	0.6
19 - Correct response	19	6	0.1
70 - Incorrect response	70	135	1.5
71 - Incorrect response	71	55	0.6
79 - Incorrect response	79	248	2.8
Missing	96	16	0.2
Not administered	98	8,165	91.6
Omitted	99	125	1.4
		8,912	100.0%

Variable Name : S032184 Light Bulbs In Series/Parall Circuit (D)
Record Number : 1
Position : 853-853
Format : N1.0
Comment : S08 07: Physics\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
A	1	186	2.1
B	2	135	1.5
C	3	103	1.2
D	4	300	3.4
Missing	6	1	0.0
Invalid	7	0	0.0
Not administered	8	8,174	91.7
Omitted	9	13	0.2
		8,912	100.0%

Variable Name : SF32184 Light Bulbs In Series/Parall Circuit (D)
Record Number : 1
Position : 854-854
Format : N1.0
Comment : S08 07: Physics\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
A	1	185	2.1
B	2	162	1.8
C	3	103	1.2
D	4	271	3.0
Missing	6	17	0.2
Invalid	7	0	0.0
Not administered	8	8,165	91.6
Omitted	9	9	0.1
		8,912	100.0%

Variable Name : S032394 Heat Conduction Through Copper Rod (C)
Record Number : 1
Position : 855-855
Format : N1.0
Comment : S08 08: Physics\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
A	1	220	2.5
B	2	133	1.5
C	3	276	3.1
D	4	98	1.1
Missing	6	1	0.0
Invalid	7	1	0.0
Not administered	8	8,174	91.7
Omitted	9	9	0.1
		8,912	100.0%

Variable Name : SF32394 Heat Conduction Through Copper Rod (C)
Record Number : 1
Position : 856-856
Format : N1.0
Comment : S08 08: Physics\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
A	1	182	2.0
B	2	164	1.8
C	3	292	3.3
D	4	82	0.9
Missing	6	18	0.2
Invalid	7	1	0.0
Not administered	8	8,165	91.6
Omitted	9	8	0.1
		8,912	100.0%

Variable Name : S032151 Major Cause of Tides (B)
Record Number : 1
Position : 857-857
Format : N1.0
Comment : S08 09: Earth Science\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
A	1	46	0.5
B	2	395	4.4
C	3	101	1.1
D	4	186	2.1
Missing	6	1	0.0
Invalid	7	0	0.0
Not administered	8	8,174	91.7
Omitted	9	9	0.1
		8,912	100.0%

Variable Name : SF32151 Major Cause of Tides (B)
Record Number : 1
Position : 858-858
Format : N1.0
Comment : S08 09: Earth Science\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
A	1	54	0.6
B	2	385	4.3
C	3	118	1.3
D	4	160	1.8
Missing	6	23	0.3
Invalid	7	0	0.0
Not administered	8	8,165	91.6
Omitted	9	7	0.1
		8,912	100.0%

Variable Name : S032651A Topog Map of Tiger Island/Identify X (1)
Record Number : 1
Position : 859-860
Format : N2.0
Comment : S08 10A: Earth Science\Reasoning and Analysis

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	404	4.5
70 - Incorrect response	70	10	0.1
71 - Incorrect response	71	35	0.4
79 - Incorrect response	79	210	2.4
Missing	96	1	0.0
Not administered	98	8,174	91.7
Omitted	99	78	0.9
		8,912	100.0%

Variable Name : SF32651A Topog Map of Tiger Island/Identify X (1)
Record Number : 1
Position : 861-862
Format : N2.0
Comment : S08 10A: Earth Science\Reasoning and Analysis

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	404	4.5
70 - Incorrect response	70	12	0.1
71 - Incorrect response	71	54	0.6
79 - Incorrect response	79	184	2.1
Missing	96	26	0.3
Not administered	98	8,165	91.6
Omitted	99	67	0.8
		8,912	100.0%

Variable Name : S032651B Topog Map of Tiger Island/River Path (2)
Record Number : 1
Position : 863-864
Format : N2.0
Comment : S08 10B: Earth Science\Reasoning and Analysis

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	81	0.9
11 - Correct response	11	20	0.2
12 - Correct response	12	46	0.5
19 - Correct response	19	1	0.0
70 - Incorrect response	70	85	1.0
71 - Incorrect response	71	33	0.4
79 - Incorrect response	79	335	3.8
Missing	96	1	0.0
Not administered	98	8,174	91.7
Omitted	99	136	1.5
		8,912	100.0%

Variable Name : SF32651B Topog Map of Tiger Island/River Path (2)
Record Number : 1
Position : 865-866
Format : N2.0
Comment : S08 10B: Earth Science\Reasoning and Analysis

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	96	1.1
11 - Correct response	11	18	0.2
12 - Correct response	12	25	0.3
19 - Correct response	19	0	0.0
70 - Incorrect response	70	82	0.9
71 - Incorrect response	71	52	0.6
79 - Incorrect response	79	319	3.6
Missing	96	44	0.5
Not administered	98	8,165	91.6
Omitted	99	111	1.3
		8,912	100.0%

Variable Name : S032665A Effect of Pop In 2 Countries/Predict (1)
Record Number : 1
Position : 867-868
Format : N2.0
Comment : S08 11A: Environmental Science\Reasoning and Analysis

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	329	3.7
70 - Incorrect response	70	33	0.4
71 - Incorrect response	71	141	1.6
79 - Incorrect response	79	198	2.2
Missing	96	1	0.0
Not administered	98	8,174	91.7
Omitted	99	36	0.4
		8,912	100.0%

Variable Name : SF32665A Effect of Pop In 2 Countries/Predict (1)
Record Number : 1
Position : 869-870
Format : N2.0
Comment : S08 11A: Environmental Science\Reasoning and Analysis

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	294	3.3
70 - Incorrect response	70	28	0.3
71 - Incorrect response	71	157	1.8
79 - Incorrect response	79	196	2.2
Missing	96	49	0.6
Not administered	98	8,165	91.6
Omitted	99	23	0.3
		8,912	100.0%

Variable Name : S032665B Effect of Pop In 2 Countrie/Land Use (1)
Record Number : 1
Position : 871-872
Format : N2.0
Comment : S08 11B: Environmental Science\Reasoning and Analysis

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	123	1.4
11 - Correct response	11	75	0.8
12 - Correct response	12	23	0.3
19 - Correct response	19	7	0.1
70 - Incorrect response	70	161	1.8
79 - Incorrect response	79	226	2.5
Missing	96	1	0.0
Not administered	98	8,174	91.7
Omitted	99	122	1.4
		8,912	100.0%

Variable Name : SF32665B Effect of Pop In 2 Countrie/Land Use (1)
Record Number : 1
Position : 873-874
Format : N2.0
Comment : S08 11B: Environmental Science\Reasoning and Analysis

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	125	1.4
11 - Correct response	11	49	0.6
12 - Correct response	12	17	0.2
19 - Correct response	19	4	0.0
70 - Incorrect response	70	170	1.9
79 - Incorrect response	79	229	2.6
Missing	96	66	0.7
Not administered	98	8,165	91.6
Omitted	99	87	1.0
		8,912	100.0%

Variable Name : S032665C Effect of Pop In 2 Countri/Pollution (1)
Record Number : 1
Position : 875-876
Format : N2.0
Comment : S08 11C: Environmental Science\Reasoning and Analysis

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	93	1.0
11 - Correct response	11	77	0.9
12 - Correct response	12	49	0.6
19 - Correct response	19	4	0.0
70 - Incorrect response	70	200	2.2
79 - Incorrect response	79	186	2.1
Missing	96	1	0.0
Not administered	98	8,174	91.7
Omitted	99	128	1.4
		8,912	100.0%

Variable Name : SF32665C Effect of Pop In 2 Countri/Pollution (1)
Record Number : 1
Position : 877-878
Format : N2.0
Comment : S08 11C: Environmental Science\Reasoning and Analysis

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	65	0.7
11 - Correct response	11	60	0.7
12 - Correct response	12	39	0.4
19 - Correct response	19	4	0.0
70 - Incorrect response	70	221	2.5
79 - Incorrect response	79	195	2.2
Missing	96	151	1.7
Not administered	98	8,165	91.6
Omitted	99	12	0.1
		8,912	100.0%

Variable Name : S032607 Fish Organ Like Human Lung (C)
Record Number : 1
Position : 879-879
Format : N1.0
Comment : S09 01: Life Science\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
A	1	112	1.3
B	2	436	4.9
C	3	881	9.9
D	4	46	0.5
Missing	6	2	0.0
Invalid	7	0	0.0
Not administered	8	7,424	83.3
Omitted	9	11	0.1
		8,912	100.0%

Variable Name : S032063 Drinking Water From Sea Water (2)
Record Number : 1
Position : 880-881
Format : N2.0
Comment : S09 02: Environmental Science\Reasoning and Analysis

Response	Codes Percent	Unweighted Frequency	
10 - Partial response	10	92	1.0
11 - Partial response	11	17	0.2
19 - Partial response	19	7	0.1
20 - Correct response	20	89	1.0
29 - Correct response	29	5	0.1
70 - Incorrect response	70	322	3.6
71 - Incorrect response	71	302	3.4
79 - Incorrect response	79	454	5.1
Missing	96	2	0.0
Not administered	98	7,424	83.3
Omitted	99	198	2.2
		8,912	100.0%

Variable Name : S032206 Photosynthesis Experiment (2)
Record Number : 1
Position : 882-883
Format : N2.0
Comment : S09 03: Life Science\Reasoning and Analysis

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	36	0.4
11 - Correct response	11	6	0.1
12 - Correct response	12	203	2.3
19 - Correct response	19	14	0.2
70 - Incorrect response	70	367	4.1
71 - Incorrect response	71	243	2.7
72 - Incorrect response	72	465	5.2
73 - Incorrect response	73	116	1.3
79 - Incorrect response	79	9	0.1
Missing	96	4	0.0
Not administered	98	7,424	83.3
Omitted	99	25	0.3
		8,912	100.0%

Variable Name : S032008 Fertilization In Animals (B)
Record Number : 1
Position : 884-884
Format : N1.0
Comment : S09 04: Life Science\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
A	1	220	2.5
B	2	986	11.1
C	3	87	1.0
D	4	175	2.0
Missing	6	4	0.0
Invalid	7	1	0.0
Not administered	8	7,424	83.3
Omitted	9	15	0.2
		8,912	100.0%

Variable Name : S032083 Fossils In Sedimentary Rock (A)
Record Number : 1
Position : 885-885
Format : N1.0
Comment : S09 05: Life Science\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
A	1	428	4.8
B	2	252	2.8
C	3	83	0.9
D	4	699	7.8
Missing	6	4	0.0
Invalid	7	0	0.0
Not administered	8	7,424	83.3
Omitted	9	22	0.3
		8,912	100.0%

Variable Name : S032564 Solution Half As Concentrated (B)
Record Number : 1
Position : 886-886
Format : N1.0
Comment : S09 06: Chemistry\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
A	1	431	4.8
B	2	398	4.5
C	3	369	4.1
D	4	250	2.8
Missing	6	4	0.0
Invalid	7	1	0.0
Not administered	8	7,424	83.3
Omitted	9	35	0.4
		8,912	100.0%

Variable Name : S032057 Litmus Test (1)
Record Number : 1
Position : 887-888
Format : N2.0
Comment : S09 07: Chemistry\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	15	0.2
11 - Correct response	11	149	1.7
12 - Correct response	12	79	0.9
19 - Correct response	19	12	0.1
70 - Incorrect response	70	346	3.9
79 - Incorrect response	79	624	7.0
Missing	96	4	0.0
Not administered	98	7,424	83.3
Omitted	99	259	2.9
		8,912	100.0%

Variable Name : S032055 Wet Towel Dries In The Sun (D)
Record Number : 1
Position : 889-889
Format : N1.0
Comment : S09 08: Physics\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
A	1	20	0.2
B	2	55	0.6
C	3	141	1.6
D	4	1,261	14.2
Missing	6	4	0.0
Invalid	7	0	0.0
Not administered	8	7,424	83.3
Omitted	9	7	0.1
		8,912	100.0%

Variable Name : S032626 Lightning Seen Before Thunder Heard (1)
Record Number : 1
Position : 890-891
Format : N2.0
Comment : S09 09: Physics\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	680	7.6
19 - Correct response	19	12	0.1
70 - Incorrect response	70	40	0.5
71 - Incorrect response	71	322	3.6
79 - Incorrect response	79	293	3.3
Missing	96	4	0.0
Not administered	98	7,424	83.3
Omitted	99	137	1.5
		8,912	100.0%

Variable Name : S032281 Why Helium Balloon Moves Upward (A)
Record Number : 1
Position : 892-892
Format : N1.0
Comment : S09 10: Physics\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
A	1	1,062	11.9
B	2	171	1.9
C	3	209	2.4
D	4	31	0.4
Missing	6	5	0.1
Invalid	7	0	0.0
Not administered	8	7,424	83.3
Omitted	9	10	0.1
		8,912	100.0%

Variable Name : S032150 Sun Is An Example of A Star (D)
Record Number : 1
Position : 893-893
Format : N1.0
Comment : S09 11: Earth Science\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
A	1	53	0.6
B	2	118	1.3
C	3	44	0.5
D	4	1,258	14.1
Missing	6	7	0.1
Invalid	7	0	0.0
Not administered	8	7,424	83.3
Omitted	9	8	0.1
		8,912	100.0%

Variable Name : S032301 The Surface Tem of Venus And Mercury (B)
Record Number : 1
Position : 894-894
Format : N1.0
Comment : S09 12: Earth Science\Reasoning and Analysis

Response	Codes Percent	Unweighted Frequency	
A	1	209	2.4
B	2	723	8.1
C	3	396	4.4
D	4	133	1.5
Missing	6	7	0.1
Invalid	7	1	0.0
Not administered	8	7,424	83.3
Omitted	9	19	0.2
		8,912	100.0%

Variable Name : S032446 Activity To Reduce Air Pollu In City (C)
Record Number : 1
Position : 895-895
Format : N1.0
Comment : S09 13: Environmental Science\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
A	1	50	0.6
B	2	297	3.3
C	3	930	10.4
D	4	178	2.0
Missing	6	9	0.1
Invalid	7	1	0.0
Not administered	8	7,424	83.3
Omitted	9	23	0.3
		8,912	100.0%

Variable Name : S032637 Leafy Vegetable Imp For Human Health (C)
Record Number : 1
Position : 896-896
Format : N1.0
Comment : S10 01: Life Science\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
A	1	508	5.7
B	2	225	2.5
C	3	693	7.8
D	4	20	0.2
Missing	6	0	0.0
Invalid	7	1	0.0
Not administered	8	7,460	83.7
Omitted	9	5	0.1
		8,912	100.0%

Variable Name : S032386 Absorbtion of Food Into Blood Stream (D)
Record Number : 1
Position : 897-897
Format : N1.0
Comment : S10 02: Life Science\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
A	1	621	7.0
B	2	88	1.0
C	3	351	3.9
D	4	384	4.3
Missing	6	0	0.0
Invalid	7	0	0.0
Not administered	8	7,460	83.7
Omitted	9	8	0.1
		8,912	100.0%

Variable Name : S032682 Elements Make Up Animals And Plants (C)
Record Number : 1
Position : 898-898
Format : N1.0
Comment : S10 03: Life Science\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
A	1	248	2.8
B	2	153	1.7
C	3	867	9.7
D	4	176	2.0
Missing	6	0	0.0
Invalid	7	0	0.0
Not administered	8	7,460	83.7
Omitted	9	8	0.1
		8,912	100.0%

Variable Name : S032652 Map of World With Lines of Latitude (A)
Record Number : 1
Position : 899-899
Format : N1.0
Comment : S10 04: Earth Science\Reasoning and Analysis

Response	Codes Percent	Unweighted Frequency	
A	1	741	8.3
B	2	230	2.6
C	3	324	3.6
D	4	152	1.7
Missing	6	0	0.0
Invalid	7	1	0.0
Not administered	8	7,460	83.7
Omitted	9	4	0.0
		8,912	100.0%

Variable Name : S032437 Why The Moon Changes Shape (C)
Record Number : 1
Position : 900-900
Format : N1.0
Comment : S10 05: Earth Science\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
A	1	396	4.4
B	2	211	2.4
C	3	750	8.4
D	4	90	1.0
Missing	6	1	0.0
Invalid	7	0	0.0
Not administered	8	7,460	83.7
Omitted	9	4	0.0
		8,912	100.0%

Variable Name : S032242 Renewable Energy Source (2)
Record Number : 1
Position : 901-902
Format : N2.0
Comment : S10 06: Environmental Science\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	164	1.8
11 - Correct response	11	38	0.4
12 - Correct response	12	118	1.3
19 - Correct response	19	93	1.0
70 - Incorrect response	70	98	1.1
71 - Incorrect response	71	231	2.6
72 - Incorrect response	72	48	0.5
79 - Incorrect response	79	501	5.6
Missing	96	1	0.0
Not administered	98	7,460	83.7
Omitted	99	160	1.8
		8,912	100.0%

Variable Name : S032709 Metal Crown_ Density of Metal Block (1)
Record Number : 1
Position : 903-904
Format : N2.0
Comment : S10 07: Chemistry\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	374	4.2
11 - Correct response	11	11	0.1
70 - Incorrect response	70	18	0.2
71 - Incorrect response	71	201	2.3
72 - Incorrect response	72	6	0.1
79 - Incorrect response	79	793	8.9
Missing	96	1	0.0
Not administered	98	7,460	83.7
Omitted	99	48	0.5
		8,912	100.0%

Variable Name : S032711 Metal Crown_ Procedur Find Vol Crown (2)
Record Number : 1
Position : 905-906
Format : N2.0
Comment : S10 08: Physics\Reasoning and Analysis

Response	Codes Percent	Unweighted Frequency	
10 - Partial response	10	238	2.7
19 - Partial response	19	4	0.0
20 - Correct response	20	116	1.3
21 - Correct response	21	117	1.3
29 - Correct response	29	13	0.2
70 - Incorrect response	70	229	2.6
79 - Incorrect response	79	384	4.3
Missing	96	1	0.0
Not administered	98	7,460	83.7
Omitted	99	350	3.9
		8,912	100.0%

Variable Name : S032712A Metal Crown_ Why Scien Repeated Meas (1)
Record Number : 1
Position : 907-908
Format : N2.0
Comment : S10 09A: Physics\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	512	5.8
11 - Correct response	11	162	1.8
19 - Correct response	19	0	0.0
70 - Incorrect response	70	490	5.5
71 - Incorrect response	71	5	0.1
79 - Incorrect response	79	215	2.4
Missing	96	2	0.0
Not administered	98	7,460	83.7
Omitted	99	66	0.7
		8,912	100.0%

Variable Name : S032712B Metal Crown_ Determ Avera/Median Val (1)
Record Number : 1
Position : 909-910
Format : N2.0
Comment : S10 09B: Physics\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	399	4.5
11 - Correct response	11	30	0.3
19 - Correct response	19	7	0.1
70 - Incorrect response	70	159	1.8
71 - Incorrect response	71	88	1.0
79 - Incorrect response	79	497	5.6
Missing	96	3	0.0
Not administered	98	7,460	83.7
Omitted	99	269	3.0
		8,912	100.0%

Variable Name : S032713A Metal Crown_ What Metal Block Made (1)
Record Number : 1
Position : 911-912
Format : N2.0
Comment : S10 10A: Chemistry\Reasoning and Analysis

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	290	3.3
19 - Correct response	19	124	1.4
70 - Incorrect response	70	60	0.7
71 - Incorrect response	71	507	5.7
79 - Incorrect response	79	401	4.5
Missing	96	3	0.0
Not administered	98	7,460	83.7
Omitted	99	67	0.8
		8,912	100.0%

Variable Name : S032713B Metal Crown_ What Crown Was Made of (1)
Record Number : 1
Position : 913-914
Format : N2.0
Comment : S10 10B: Chemistry\Reasoning and Analysis

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	156	1.8
19 - Correct response	19	4	0.0
70 - Incorrect response	70	116	1.3
71 - Incorrect response	71	218	2.5
72 - Incorrect response	72	293	3.3
79 - Incorrect response	79	459	5.2
Missing	96	4	0.0
Not administered	98	7,460	83.7
Omitted	99	202	2.3
		8,912	100.0%

Variable Name : S032465 Cells That Destroy Bacteria (A)
Record Number : 1
Position : 915-915
Format : N1.0
Comment : S11 01: Life Science\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
A	1	591	6.6
B	2	141	1.6
C	3	9	0.1
D	4	4	0.0
Missing	6	0	0.0
Invalid	7	0	0.0
Not administered	8	8,163	91.6
Omitted	9	4	0.0
		8,912	100.0%

Variable Name : SF32465 Cells That Destroy Bacteria (A)
 Record Number : 1
 Position : 916-916
 Format : N1.0
 Comment : S11 01: Life Science\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
A	1	577	6.5
B	2	122	1.4
C	3	19	0.2
D	4	7	0.1
Missing	6	7	0.1
Invalid	7	0	0.0
Not administered	8	8,174	91.7
Omitted	9	6	0.1
		8,912	100.0%

Variable Name : S032315 Antelope Population Graph (D)
 Record Number : 1
 Position : 917-917
 Format : N1.0
 Comment : S11 02: Life Science\Reasoning and Analysis

Response	Codes Percent	Unweighted Frequency	
A	1	91	1.0
B	2	102	1.1
C	3	63	0.7
D	4	488	5.5
Missing	6	0	0.0
Invalid	7	0	0.0
Not administered	8	8,163	91.6
Omitted	9	5	0.1
		8,912	100.0%

Variable Name : SF32315 Antelope Population Graph (D)
 Record Number : 1
 Position : 918-918
 Format : N1.0
 Comment : S11 02: Life Science\Reasoning and Analysis

Response	Codes Percent	Unweighted Frequency	
A	1	91	1.0
B	2	97	1.1
C	3	76	0.9
D	4	455	5.1
Missing	6	9	0.1
Invalid	7	0	0.0
Not administered	8	8,174	91.7
Omitted	9	10	0.1
		8,912	100.0%

Variable Name : S032306 Eyes React Change Environ Condition (2)
Record Number : 1
Position : 919-920
Format : N2.0
Comment : S11 03: Life Science\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
10 - Partial response	10	107	1.2
19 - Partial response	19	21	0.2
20 - Correct response	20	304	3.4
29 - Correct response	29	4	0.0
70 - Incorrect response	70	31	0.4
79 - Incorrect response	79	211	2.4
Missing	96	0	0.0
Not administered	98	8,163	91.6
Omitted	99	71	0.8
		8,912	100.0%

Variable Name : SF32306 Eyes React Change Environ Condition (2)
Record Number : 1
Position : 921-922
Format : N2.0
Comment : S11 03: Life Science\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
10 - Partial response	10	108	1.2
19 - Partial response	19	11	0.1
20 - Correct response	20	274	3.1
29 - Correct response	29	3	0.0
70 - Incorrect response	70	48	0.5
79 - Incorrect response	79	229	2.6
Missing	96	10	0.1
Not administered	98	8,174	91.7
Omitted	99	55	0.6
		8,912	100.0%

Variable Name : S032640 Why Exerci Important For Good Health (1)
Record Number : 1
Position : 923-924
Format : N2.0
Comment : S11 04: Life Science\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	232	2.6
11 - Correct response	11	153	1.7
12 - Correct response	12	67	0.8
19 - Correct response	19	31	0.4
70 - Incorrect response	70	216	2.4
79 - Incorrect response	79	34	0.4
Missing	96	0	0.0
Not administered	98	8,163	91.6
Omitted	99	16	0.2
		8,912	100.0%

Variable Name : SF32640 Why Exerci Important For Good Health (1)
Record Number : 1
Position : 925-926
Format : N2.0
Comment : S11 04: Life Science\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	221	2.5
11 - Correct response	11	152	1.7
12 - Correct response	12	50	0.6
19 - Correct response	19	33	0.4
70 - Incorrect response	70	193	2.2
79 - Incorrect response	79	40	0.5
Missing	96	15	0.2
Not administered	98	8,174	91.7
Omitted	99	34	0.4
		8,912	100.0%

Variable Name : S032579 Diagram Representing Structur Matter (B)
Record Number : 1
Position : 927-927
Format : N1.0
Comment : S11 05: Chemistry\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
A	1	271	3.0
B	2	345	3.9
C	3	63	0.7
D	4	68	0.8
Missing	6	0	0.0
Invalid	7	0	0.0
Not administered	8	8,163	91.6
Omitted	9	2	0.0
		8,912	100.0%

Variable Name : SF32579 Diagram Representing Structur Matter (B)
Record Number : 1
Position : 928-928
Format : N1.0
Comment : S11 05: Chemistry\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
A	1	243	2.7
B	2	331	3.7
C	3	65	0.7
D	4	68	0.8
Missing	6	18	0.2
Invalid	7	0	0.0
Not administered	8	8,174	91.7
Omitted	9	13	0.2
		8,912	100.0%

Variable Name : S032570 Property Identify If Substance Metal (1)
Record Number : 1
Position : 929-930
Format : N2.0
Comment : S11 06: Chemistry\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	117	1.3
11 - Correct response	11	127	1.4
12 - Correct response	12	18	0.2
19 - Correct response	19	3	0.0
70 - Incorrect response	70	67	0.8
79 - Incorrect response	79	280	3.1
Missing	96	0	0.0
Not administered	98	8,163	91.6
Omitted	99	137	1.5
		8,912	100.0%

Variable Name : SF32570 Property Identify If Substance Metal (1)
Record Number : 1
Position : 931-932
Format : N2.0
Comment : S11 06: Chemistry\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	136	1.5
11 - Correct response	11	130	1.5
12 - Correct response	12	16	0.2
19 - Correct response	19	6	0.1
70 - Incorrect response	70	84	0.9
79 - Incorrect response	79	210	2.4
Missing	96	20	0.2
Not administered	98	8,174	91.7
Omitted	99	136	1.5
		8,912	100.0%

Variable Name : S032024 Energy Conversion In A Flashlight (C)
Record Number : 1
Position : 933-933
Format : N1.0
Comment : S11 07: Physics\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
A	1	316	3.6
B	2	85	1.0
C	3	264	3.0
D	4	66	0.7
Missing	6	0	0.0
Invalid	7	0	0.0
Not administered	8	8,163	91.6
Omitted	9	18	0.2
		8,912	100.0%

Variable Name : SF32024 Energy Conversion In A Flashlight (C)
Record Number : 1
Position : 934-934
Format : N1.0
Comment : S11 07: Physics\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
A	1	303	3.4
B	2	89	1.0
C	3	244	2.7
D	4	71	0.8
Missing	6	21	0.2
Invalid	7	0	0.0
Not administered	8	8,174	91.7
Omitted	9	10	0.1
		8,912	100.0%

Variable Name : S032272 Water Level In Heated Glass Container (2)
Record Number : 1
Position : 935-936
Format : N2.0
Comment : S11 08: Physics\Reasoning and Analysis

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	119	1.3
19 - Correct response	19	2	0.0
70 - Incorrect response	70	245	2.8
71 - Incorrect response	71	192	2.2
72 - Incorrect response	72	81	0.9
79 - Incorrect response	79	50	0.6
Missing	96	0	0.0
Not administered	98	8,163	91.6
Omitted	99	60	0.7
		8,912	100.0%

Variable Name : SF32272 Water Level In Heated Glass Container (2)
Record Number : 1
Position : 937-938
Format : N2.0
Comment : S11 08: Physics\Reasoning and Analysis

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	85	1.0
19 - Correct response	19	3	0.0
70 - Incorrect response	70	218	2.5
71 - Incorrect response	71	207	2.3
72 - Incorrect response	72	88	1.0
79 - Incorrect response	79	46	0.5
Missing	96	21	0.2
Not administered	98	8,174	91.7
Omitted	99	70	0.8
		8,912	100.0%

Variable Name : S032141 Gravity Acting On Parachute Jumper (D)
Record Number : 1
Position : 939-939
Format : N1.0
Comment : S11 09: Physics\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
A	1	65	0.7
B	2	325	3.7
C	3	53	0.6
D	4	298	3.3
Missing	6	0	0.0
Invalid	7	1	0.0
Not administered	8	8,163	91.6
Omitted	9	7	0.1
		8,912	100.0%

Variable Name : SF32141 Gravity Acting On Parachute Jumper (D)
Record Number : 1
Position : 940-940
Format : N1.0
Comment : S11 09: Physics\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
A	1	71	0.8
B	2	308	3.5
C	3	50	0.6
D	4	272	3.1
Missing	6	26	0.3
Invalid	7	0	0.0
Not administered	8	8,174	91.7
Omitted	9	11	0.1
		8,912	100.0%

Variable Name : S032060 Order of Steps In The Water Cycle (1)
Record Number : 1
Position : 941-942
Format : N2.0
Comment : S11 10: Earth Science\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	532	6.0
79 - Incorrect response	79	198	2.2
Missing	96	0	0.0
Not administered	98	8,163	91.6
Omitted	99	19	0.2
		8,912	100.0%

Variable Name : SF32060 Order of Steps In The Water Cycle (1)
Record Number : 1
Position : 943-944
Format : N2.0
Comment : S11 10: Earth Science\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	429	4.8
79 - Incorrect response	79	253	2.8
Missing	96	33	0.4
Not administered	98	8,174	91.7
Omitted	99	23	0.3
		8,912	100.0%

Variable Name : S032463 Soil Change Due To Natural Causes (D)
Record Number : 1
Position : 945-945
Format : N1.0
Comment : S11 11: Environmental Science\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
A	1	94	1.1
B	2	69	0.8
C	3	99	1.1
D	4	475	5.3
Missing	6	0	0.0
Invalid	7	0	0.0
Not administered	8	8,163	91.6
Omitted	9	12	0.1
		8,912	100.0%

Variable Name : SF32463 Soil Change Due To Natural Causes (D)
Record Number : 1
Position : 946-946
Format : N1.0
Comment : S11 11: Environmental Science\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
A	1	70	0.8
B	2	100	1.1
C	3	126	1.4
D	4	394	4.4
Missing	6	34	0.4
Invalid	7	0	0.0
Not administered	8	8,174	91.7
Omitted	9	14	0.2
		8,912	100.0%

Variable Name : S032650A Two Changes In Atmospheric Condition (1)
Record Number : 1
Position : 947-948
Format : N2.0
Comment : S11 12: Earth Science\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	268	3.0
11 - Correct response	11	192	2.2
12 - Correct response	12	25	0.3
19 - Correct response	19	11	0.1
70 - Incorrect response	70	10	0.1
71 - Incorrect response	71	15	0.2
79 - Incorrect response	79	126	1.4
Missing	96	0	0.0
Not administered	98	8,163	91.6
Omitted	99	102	1.1
		8,912	100.0%

Variable Name : S032650B Two Changes In Atmospheric Condition (1)
Record Number : 1
Position : 949-950
Format : N2.0
Comment : S11 12: Earth Science\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	213	2.4
11 - Correct response	11	170	1.9
12 - Correct response	12	17	0.2
19 - Correct response	19	23	0.3
70 - Incorrect response	70	6	0.1
71 - Incorrect response	71	10	0.1
79 - Incorrect response	79	178	2.0
Missing	96	0	0.0
Not administered	98	8,163	91.6
Omitted	99	132	1.5
		8,912	100.0%

Variable Name : S032650D Two Changes In Atmospheric Condition (1)
Record Number : 1
Position : 951-952
Format : N2.0
Comment : S11 12: Earth Science\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	209	2.4
20 - Correct response	20	355	4.0
70 - Incorrect response	70	83	0.9
79 - Partially correct response	79	0	0.0
Missing	96	0	0.0
Not administered	98	8,163	91.6
Omitted	99	102	1.1
		8,912	100.0%

Variable Name : SF32650A Two Changes In Atmospheric Condition (1)
Record Number : 1
Position : 953-954
Format : N2.0
Comment : S11 12: Earth Science\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	201	2.3
11 - Correct response	11	203	2.3
12 - Correct response	12	13	0.2
19 - Correct response	19	14	0.2
70 - Incorrect response	70	6	0.1
71 - Incorrect response	71	11	0.1
79 - Incorrect response	79	120	1.4
Missing	96	37	0.4
Not administered	98	8,174	91.7
Omitted	99	133	1.5
		8,912	100.0%

Variable Name : SF32650B Two Changes In Atmospheric Condition (1)
Record Number : 1
Position : 955-956
Format : N2.0
Comment : S11 12: Earth Science\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	196	2.2
11 - Correct response	11	116	1.3
12 - Correct response	12	25	0.3
19 - Correct response	19	30	0.3
70 - Incorrect response	70	7	0.1
71 - Incorrect response	71	7	0.1
79 - Incorrect response	79	162	1.8
Missing	96	37	0.4
Not administered	98	8,174	91.7
Omitted	99	158	1.8
		8,912	100.0%

Variable Name : SF32650D Two Changes In Atmospheric Condition (1)
Record Number : 1
Position : 957-958
Format : N2.0
Comment : S11 12: Earth Science\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	172	1.9
20 - Correct response	20	313	3.5
70 - Incorrect response	70	86	1.0
79 - Partially correct response	79	0	0.0
Missing	96	37	0.4
Not administered	98	8,174	91.7
Omitted	99	130	1.5
		8,912	100.0%

Variable Name : S032514 Growth of Algae In A Lake (C)
 Record Number : 1
 Position : 959-959
 Format : N1.0
 Comment : S11 13: Environmental Science\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
A	1	132	1.5
B	2	179	2.0
C	3	343	3.9
D	4	73	0.8
Missing	6	0	0.0
Invalid	7	1	0.0
Not administered	8	8,163	91.6
Omitted	9	21	0.2
		8,912	100.0%

Variable Name : SF32514 Growth of Algae In A Lake (C)
 Record Number : 1
 Position : 960-960
 Format : N1.0
 Comment : S11 13: Environmental Science\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
A	1	137	1.5
B	2	176	2.0
C	3	305	3.4
D	4	56	0.6
Missing	6	56	0.6
Invalid	7	0	0.0
Not administered	8	8,174	91.7
Omitted	9	8	0.1
		8,912	100.0%

Variable Name : S032611 Purpose of Cellular Respiration (A)
 Record Number : 1
 Position : 961-961
 Format : N1.0
 Comment : S12 01: Life Science\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
A	1	303	3.4
B	2	74	0.8
C	3	309	3.5
D	4	61	0.7
Missing	6	0	0.0
Invalid	7	0	0.0
Not administered	8	8,160	91.6
Omitted	9	5	0.1
		8,912	100.0%

Variable Name : SF32611 Purpose of Cellular Respiration (A)
Record Number : 1
Position : 962-962
Format : N1.0
Comment : S12 01: Life Science\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
A	1	241	2.7
B	2	85	1.0
C	3	296	3.3
D	4	92	1.0
Missing	6	15	0.2
Invalid	7	1	0.0
Not administered	8	8,166	91.6
Omitted	9	16	0.2
		8,912	100.0%

Variable Name : S032614 Number of Kidneys Son Has At Birth (1)
Record Number : 1
Position : 963-964
Format : N2.0
Comment : S12 02: Life Science\Reasoning and Analysis

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	117	1.3
11 - Correct response	11	397	4.5
19 - Correct response	19	2	0.0
70 - Incorrect response	70	137	1.5
71 - Incorrect response	71	50	0.6
79 - Incorrect response	79	33	0.4
Missing	96	0	0.0
Not administered	98	8,160	91.6
Omitted	99	16	0.2
		8,912	100.0%

Variable Name : SF32614 Number of Kidneys Son Has At Birth (1)
Record Number : 1
Position : 965-966
Format : N2.0
Comment : S12 02: Life Science\Reasoning and Analysis

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	109	1.2
11 - Correct response	11	391	4.4
19 - Correct response	19	3	0.0
70 - Incorrect response	70	111	1.3
71 - Incorrect response	71	58	0.7
79 - Incorrect response	79	30	0.3
Missing	96	15	0.2
Not administered	98	8,166	91.6
Omitted	99	29	0.3
		8,912	100.0%

Variable Name : S032451 Difference In Shell Colors of Snails (2)
Record Number : 1
Position : 967-968
Format : N2.0
Comment : S12 03: Life Science\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
10 - Partial response	10	32	0.4
19 - Partial response	19	6	0.1
20 - Correct response	20	222	2.5
21 - Correct response	21	324	3.6
29 - Correct response	29	0	0.0
70 - Incorrect response	70	24	0.3
79 - Incorrect response	79	105	1.2
Missing	96	0	0.0
Not administered	98	8,160	91.6
Omitted	99	39	0.4
		8,912	100.0%

Variable Name : SF32451 Difference In Shell Colors of Snails (2)
Record Number : 1
Position : 969-970
Format : N2.0
Comment : S12 03: Life Science\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
10 - Partial response	10	36	0.4
19 - Partial response	19	8	0.1
20 - Correct response	20	157	1.8
21 - Correct response	21	347	3.9
29 - Correct response	29	1	0.0
70 - Incorrect response	70	21	0.2
79 - Incorrect response	79	88	1.0
Missing	96	17	0.2
Not administered	98	8,166	91.6
Omitted	99	71	0.8
		8,912	100.0%

Variable Name : S032156 Solubility/Temperature Graphs (C)
Record Number : 1
Position : 971-971
Format : N1.0
Comment : S12 04: Chemistry\Reasoning and Analysis

Response	Codes Percent	Unweighted Frequency	
A	1	157	1.8
B	2	121	1.4
C	3	372	4.2
D	4	97	1.1
Missing	6	0	0.0
Invalid	7	1	0.0
Not administered	8	8,160	91.6
Omitted	9	4	0.0
		8,912	100.0%

Variable Name : SF32156 Solubility/Temperature Graphs (C)
Record Number : 1
Position : 972-972
Format : N1.0
Comment : S12 04: Chemistry\Reasoning and Analysis

Response	Codes Percent	Unweighted Frequency	
A	1	114	1.3
B	2	126	1.4
C	3	347	3.9
D	4	116	1.3
Missing	6	20	0.2
Invalid	7	0	0.0
Not administered	8	8,166	91.6
Omitted	9	23	0.3
		8,912	100.0%

Variable Name : S032056 Sodium Bicarbonate Mixed With Vinegar (1)
Record Number : 1
Position : 973-974
Format : N2.0
Comment : S12 05: Chemistry\Reasoning and Analysis

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	35	0.4
11 - Correct response	11	201	2.3
12 - Correct response	12	127	1.4
19 - Correct response	19	5	0.1
70 - Incorrect response	70	66	0.7
71 - Incorrect response	71	69	0.8
79 - Incorrect response	79	209	2.4
Missing	96	0	0.0
Not administered	98	8,160	91.6
Omitted	99	40	0.5
		8,912	100.0%

Variable Name : SF32056 Sodium Bicarbonate Mixed With Vinegar (1)
Record Number : 1
Position : 975-976
Format : N2.0
Comment : S12 05: Chemistry\Reasoning and Analysis

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	31	0.4
11 - Correct response	11	150	1.7
12 - Correct response	12	167	1.9
19 - Correct response	19	8	0.1
70 - Incorrect response	70	65	0.7
71 - Incorrect response	71	57	0.6
79 - Incorrect response	79	186	2.1
Missing	96	21	0.2
Not administered	98	8,166	91.6
Omitted	99	61	0.7
		8,912	100.0%

Variable Name : S032087 Long-Term Immunity Against Disease (C)
Record Number : 1
Position : 977-977
Format : N1.0
Comment : S12 06: Life Science\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
A	1	105	1.2
B	2	115	1.3
C	3	386	4.3
D	4	140	1.6
Missing	6	0	0.0
Invalid	7	1	0.0
Not administered	8	8,160	91.6
Omitted	9	5	0.1
		8,912	100.0%

Variable Name : SF32087 Long-Term Immunity Against Disease (C)
Record Number : 1
Position : 978-978
Format : N1.0
Comment : S12 06: Life Science\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
A	1	106	1.2
B	2	127	1.4
C	3	344	3.9
D	4	129	1.5
Missing	6	26	0.3
Invalid	7	1	0.0
Not administered	8	8,166	91.6
Omitted	9	13	0.2
		8,912	100.0%

Variable Name : S032279 Why Bottle Collapses In The Valley (D)
Record Number : 1
Position : 979-979
Format : N1.0
Comment : S12 07: Physics\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
A	1	33	0.4
B	2	76	0.9
C	3	345	3.9
D	4	295	3.3
Missing	6	0	0.0
Invalid	7	0	0.0
Not administered	8	8,160	91.6
Omitted	9	3	0.0
		8,912	100.0%

Variable Name : SF32279 Why Bottle Collapses In The Valley (D)
Record Number : 1
Position : 980-980
Format : N1.0
Comment : S12 07: Physics\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
A	1	41	0.5
B	2	78	0.9
C	3	335	3.8
D	4	246	2.8
Missing	6	29	0.3
Invalid	7	0	0.0
Not administered	8	8,166	91.6
Omitted	9	17	0.2
		8,912	100.0%

Variable Name : S032238 Gaps Between Metal Rail Spans (A)
Record Number : 1
Position : 981-981
Format : N1.0
Comment : S12 08: Physics\Reasoning and Analysis

Response	Codes Percent	Unweighted Frequency	
A	1	257	2.9
B	2	61	0.7
C	3	201	2.3
D	4	226	2.5
Missing	6	0	0.0
Invalid	7	1	0.0
Not administered	8	8,160	91.6
Omitted	9	6	0.1
		8,912	100.0%

Variable Name : SF32238 Gaps Between Metal Rail Spans (A)
Record Number : 1
Position : 982-982
Format : N1.0
Comment : S12 08: Physics\Reasoning and Analysis

Response	Codes Percent	Unweighted Frequency	
A	1	266	3.0
B	2	69	0.8
C	3	183	2.1
D	4	187	2.1
Missing	6	33	0.4
Invalid	7	0	0.0
Not administered	8	8,166	91.6
Omitted	9	8	0.1
		8,912	100.0%

Variable Name : S032369 Sound From Electric Bell Inside Jar (2)
Record Number : 1
Position : 983-984
Format : N2.0
Comment : S12 09: Physics\Reasoning and Analysis

Response	Codes Percent	Unweighted Frequency	
10 - Partial response	10	39	0.4
11 - Partial response	11	66	0.7
19 - Partial response	19	14	0.2
20 - Correct response	20	122	1.4
29 - Correct response	29	5	0.1
70 - Incorrect response	70	103	1.2
71 - Incorrect response	71	135	1.5
79 - Incorrect response	79	199	2.2
Missing	96	1	0.0
Not administered	98	8,160	91.6
Omitted	99	68	0.8
		8,912	100.0%

Variable Name : SF32369 Sound From Electric Bell Inside Jar (2)
Record Number : 1
Position : 985-986
Format : N2.0
Comment : S12 09: Physics\Reasoning and Analysis

Response	Codes Percent	Unweighted Frequency	
10 - Partial response	10	61	0.7
11 - Partial response	11	71	0.8
19 - Partial response	19	5	0.1
20 - Correct response	20	174	2.0
29 - Correct response	29	0	0.0
70 - Incorrect response	70	52	0.6
71 - Incorrect response	71	113	1.3
79 - Incorrect response	79	150	1.7
Missing	96	35	0.4
Not administered	98	8,166	91.6
Omitted	99	85	1.0
		8,912	100.0%

Variable Name : S032160 Difference Between Planets And Moons (C)
Record Number : 1
Position : 987-987
Format : N1.0
Comment : S12 10: Earth Science\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
A	1	38	0.4
B	2	121	1.4
C	3	536	6.0
D	4	51	0.6
Missing	6	1	0.0
Invalid	7	0	0.0
Not administered	8	8,160	91.6
Omitted	9	5	0.1
		8,912	100.0%

Variable Name : SF32160 Difference Between Planets And Moons (C)
Record Number : 1
Position : 988-988
Format : N1.0
Comment : S12 10: Earth Science\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
A	1	45	0.5
B	2	97	1.1
C	3	512	5.8
D	4	43	0.5
Missing	6	41	0.5
Invalid	7	0	0.0
Not administered	8	8,166	91.6
Omitted	9	8	0.1
		8,912	100.0%

Variable Name : S032654 Jungle Temperature/Elevation Diagram (A)
Record Number : 1
Position : 989-989
Format : N1.0
Comment : S12 11: Earth Science\Reasoning and Analysis

Response	Codes Percent	Unweighted Frequency	
A	1	439	4.9
B	2	49	0.6
C	3	116	1.3
D	4	139	1.6
Missing	6	1	0.0
Invalid	7	0	0.0
Not administered	8	8,160	91.6
Omitted	9	8	0.1
		8,912	100.0%

Variable Name : SF32654 Jungle Temperature/Elevation Diagram (A)
Record Number : 1
Position : 990-990
Format : N1.0
Comment : S12 11: Earth Science\Reasoning and Analysis

Response	Codes Percent	Unweighted Frequency	
A	1	378	4.2
B	2	63	0.7
C	3	124	1.4
D	4	127	1.4
Missing	6	46	0.5
Invalid	7	1	0.0
Not administered	8	8,166	91.6
Omitted	9	7	0.1
		8,912	100.0%

Variable Name : S032126 Volcanic Eruption Affect Environment (1)
Record Number : 1
Position : 991-992
Format : N2.0
Comment : S12 12: Environmental Science\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	478	5.4
11 - Correct response	11	52	0.6
19 - Correct response	19	12	0.1
70 - Incorrect response	70	124	1.4
79 - Incorrect response	79	58	0.7
Missing	96	1	0.0
Not administered	98	8,160	91.6
Omitted	99	27	0.3
		8,912	100.0%

Variable Name : SF32126 Volcanic Eruption Affect Environment (1)
Record Number : 1
Position : 993-994
Format : N2.0
Comment : S12 12: Environmental Science\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	416	4.7
11 - Correct response	11	44	0.5
19 - Correct response	19	3	0.0
70 - Incorrect response	70	100	1.1
79 - Incorrect response	79	82	0.9
Missing	96	48	0.5
Not administered	98	8,166	91.6
Omitted	99	53	0.6
		8,912	100.0%

Variable Name : S032510 Material Breaks Down Most Quickly (D)
Record Number : 1
Position : 995-995
Format : N1.0
Comment : S12 13: Environmental Science\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
A	1	31	0.4
B	2	76	0.9
C	3	78	0.9
D	4	560	6.3
Missing	6	1	0.0
Invalid	7	0	0.0
Not administered	8	8,160	91.6
Omitted	9	6	0.1
		8,912	100.0%

Variable Name : SF32510 Material Breaks Down Most Quickly (D)
Record Number : 1
Position : 996-996
Format : N1.0
Comment : S12 13: Environmental Science\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
A	1	32	0.4
B	2	84	0.9
C	3	71	0.8
D	4	501	5.6
Missing	6	52	0.6
Invalid	7	1	0.0
Not administered	8	8,166	91.6
Omitted	9	5	0.1
		8,912	100.0%

Variable Name : S032158 Molecules of Gas When Heated (B)
Record Number : 1
Position : 997-997
Format : N1.0
Comment : S12 14: Physics\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
A	1	114	1.3
B	2	486	5.5
C	3	51	0.6
D	4	91	1.0
Missing	6	1	0.0
Invalid	7	1	0.0
Not administered	8	8,160	91.6
Omitted	9	8	0.1
		8,912	100.0%

Variable Name : SF32158 Molecules of Gas When Heated (B)
Record Number : 1
Position : 998-998
Format : N1.0
Comment : S12 14: Physics\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
A	1	113	1.3
B	2	455	5.1
C	3	51	0.6
D	4	64	0.7
Missing	6	56	0.6
Invalid	7	0	0.0
Not administered	8	8,166	91.6
Omitted	9	7	0.1
		8,912	100.0%

Variable Name : S032574 Which Substances Are Elements (B)
Record Number : 1
Position : 999-999
Format : N1.0
Comment : S13 01: Chemistry\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
A	1	147	1.7
B	2	406	4.6
C	3	48	0.5
D	4	129	1.5
Missing	6	1	0.0
Invalid	7	0	0.0
Not administered	8	8,174	91.7
Omitted	9	7	0.1
		8,912	100.0%

Variable Name : SF32574 Which Substances Are Elements (B)
Record Number : 1
Position : 1000-1000
Format : N1.0
Comment : S13 01: Chemistry\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
A	1	145	1.6
B	2	407	4.6
C	3	55	0.6
D	4	131	1.5
Missing	6	9	0.1
Invalid	7	0	0.0
Not administered	8	8,163	91.6
Omitted	9	2	0.0
		8,912	100.0%

Variable Name : S032532 Position Moon During Solar Eclipse (2)
Record Number : 1
Position : 1001-1002
Format : N2.0
Comment : S13 02: Earth Science\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	490	5.5
70 - Incorrect response	70	35	0.4
71 - Incorrect response	71	60	0.7
79 - Incorrect response	79	129	1.5
Missing	96	1	0.0
Not administered	98	8,174	91.7
Omitted	99	23	0.3
		8,912	100.0%

Variable Name : SF32532 Position Moon During Solar Eclipse (2)
Record Number : 1
Position : 1003-1004
Format : N2.0
Comment : S13 02: Earth Science\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	499	5.6
70 - Incorrect response	70	34	0.4
71 - Incorrect response	71	61	0.7
79 - Incorrect response	79	119	1.3
Missing	96	9	0.1
Not administered	98	8,163	91.6
Omitted	99	27	0.3
		8,912	100.0%

Variable Name : S032562 Sep Salt/Sand/Iron Filings Mixture (2)
Record Number : 1
Position : 1005-1006
Format : N2.0
Comment : S13 03: Chemistry\Reasoning and Analysis

Response	Codes Percent	Unweighted Frequency	
10 - Partial response	10	64	0.7
11 - Partial response	11	27	0.3
12 - Partial response	12	27	0.3
19 - Partial response	19	42	0.5
20 - Correct response	20	267	3.0
70 - Incorrect response	70	26	0.3
79 - Incorrect response	79	213	2.4
Missing	96	1	0.0
Not administered	98	8,174	91.7
Omitted	99	71	0.8
		8,912	100.0%

Variable Name : SF32562 Sep Salt/Sand/Iron Filings Mixture (2)
Record Number : 1
Position : 1007-1008
Format : N2.0
Comment : S13 03: Chemistry\Reasoning and Analysis

Response	Codes Percent	Unweighted Frequency	
10 - Partial response	10	43	0.5
11 - Partial response	11	29	0.3
12 - Partial response	12	20	0.2
19 - Partial response	19	41	0.5
20 - Correct response	20	253	2.8
70 - Incorrect response	70	41	0.5
79 - Incorrect response	79	229	2.6
Missing	96	11	0.1
Not administered	98	8,163	91.6
Omitted	99	82	0.9
		8,912	100.0%

Variable Name : S032422 Group of Renewable Energy Sources (C)
Record Number : 1
Position : 1009-1009
Format : N1.0
Comment : S13 04: Environmental Science\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
A	1	140	1.6
B	2	50	0.6
C	3	416	4.7
D	4	126	1.4
Missing	6	2	0.0
Invalid	7	0	0.0
Not administered	8	8,174	91.7
Omitted	9	4	0.0
		8,912	100.0%

Variable Name : SF32422 Group of Renewable Energy Sources (C)
Record Number : 1
Position : 1010-1010
Format : N1.0
Comment : S13 04: Environmental Science\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
A	1	165	1.9
B	2	63	0.7
C	3	388	4.4
D	4	103	1.2
Missing	6	13	0.2
Invalid	7	0	0.0
Not administered	8	8,163	91.6
Omitted	9	17	0.2
		8,912	100.0%

Variable Name : S032375 Sunlight Through A Glass Prism (2)
Record Number : 1
Position : 1011-1012
Format : N2.0
Comment : S13 05: Physics\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
10 - Partial response	10	33	0.4
11 - Partial response	11	18	0.2
19 - Partial response	19	0	0.0
20 - Correct response	20	63	0.7
21 - Correct response	21	288	3.2
29 - Correct response	29	1	0.0
70 - Incorrect response	70	53	0.6
71 - Incorrect response	71	76	0.9
79 - Incorrect response	79	123	1.4
Missing	96	2	0.0
Not administered	98	8,174	91.7
Omitted	99	81	0.9
		8,912	100.0%

Variable Name : SF32375 Sunlight Through A Glass Prism (2)
Record Number : 1
Position : 1013-1014
Format : N2.0
Comment : S13 05: Physics\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
10 - Partial response	10	63	0.7
11 - Partial response	11	19	0.2
19 - Partial response	19	4	0.0
20 - Correct response	20	40	0.5
21 - Correct response	21	290	3.3
29 - Correct response	29	3	0.0
70 - Incorrect response	70	66	0.7
71 - Incorrect response	71	44	0.5
79 - Incorrect response	79	103	1.2
Missing	96	15	0.2
Not administered	98	8,163	91.6
Omitted	99	102	1.1
		8,912	100.0%

Variable Name : S032714 Direction Dropped Ball Will Fall (D)
Record Number : 1
Position : 1015-1015
Format : N1.0
Comment : S13 06: Earth Science\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
A	1	124	1.4
B	2	28	0.3
C	3	25	0.3
D	4	555	6.2
Missing	6	2	0.0
Invalid	7	0	0.0
Not administered	8	8,174	91.7
Omitted	9	4	0.0
		8,912	100.0%

Variable Name : SF32714 Direction Dropped Ball Will Fall (D)
Record Number : 1
Position : 1016-1016
Format : N1.0
Comment : S13 06: Earth Science\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
A	1	107	1.2
B	2	35	0.4
C	3	21	0.2
D	4	560	6.3
Missing	6	19	0.2
Invalid	7	0	0.0
Not administered	8	8,163	91.6
Omitted	9	7	0.1
		8,912	100.0%

Variable Name : S032704 Galap Island_ Plant/Animal Inh First (1)
Record Number : 1
Position : 1017-1018
Format : N2.0
Comment : S13 07: Life Science\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	21	0.2
11 - Correct response	11	322	3.6
12 - Correct response	12	5	0.1
19 - Correct response	19	6	0.1
70 - Incorrect response	70	291	3.3
71 - Incorrect response	71	63	0.7
79 - Incorrect response	79	15	0.2
Missing	96	2	0.0
Not administered	98	8,174	91.7
Omitted	99	13	0.2
		8,912	100.0%

Variable Name : SF32704 Galap Island_ Plant/Animal Inh First (1)
Record Number : 1
Position : 1019-1020
Format : N2.0
Comment : S13 07: Life Science\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	26	0.3
11 - Correct response	11	267	3.0
12 - Correct response	12	4	0.0
19 - Correct response	19	3	0.0
70 - Incorrect response	70	299	3.4
71 - Incorrect response	71	92	1.0
79 - Incorrect response	79	14	0.2
Missing	96	23	0.3
Not administered	98	8,163	91.6
Omitted	99	21	0.2
		8,912	100.0%

Variable Name : S032705A Galapagos Islands_ Effect of Cats (1)
Record Number : 1
Position : 1021-1022
Format : N2.0
Comment : S13 08A: Life Science\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	292	3.3
19 - Correct response	19	34	0.4
70 - Incorrect response	70	59	0.7
79 - Incorrect response	79	265	3.0
Missing	96	3	0.0
Not administered	98	8,174	91.7
Omitted	99	85	1.0
		8,912	100.0%

Variable Name : SF32705A Galapagos Islands_ Effect of Cats (1)
Record Number : 1
Position : 1023-1024
Format : N2.0
Comment : S13 08A: Life Science\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	315	3.5
19 - Correct response	19	34	0.4
70 - Incorrect response	70	65	0.7
79 - Incorrect response	79	221	2.5
Missing	96	37	0.4
Not administered	98	8,163	91.6
Omitted	99	77	0.9
		8,912	100.0%

Variable Name : S032705B Galapagos Islands_ Effect of Goats (1)
Record Number : 1
Position : 1025-1026
Format : N2.0
Comment : S13 08B: Life Science\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	346	3.9
11 - Correct response	11	70	0.8
19 - Correct response	19	20	0.2
70 - Incorrect response	70	44	0.5
79 - Incorrect response	79	175	2.0
Missing	96	4	0.0
Not administered	98	8,174	91.7
Omitted	99	79	0.9
		8,912	100.0%

Variable Name : SF32705B Galapagos Islands_ Effect of Goats (1)
Record Number : 1
Position : 1027-1028
Format : N2.0
Comment : S13 08B: Life Science\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	343	3.9
11 - Correct response	11	75	0.8
19 - Correct response	19	16	0.2
70 - Incorrect response	70	46	0.5
79 - Incorrect response	79	155	1.7
Missing	96	77	0.9
Not administered	98	8,163	91.6
Omitted	99	37	0.4
		8,912	100.0%

Variable Name : S032706A Galap Island_Compare of Spec 1 And 2 (1)
Record Number : 1
Position : 1029-1030
Format : N2.0
Comment : S13 09A: Life Science\Reasoning and Analysis

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	133	1.5
11 - Correct response	11	167	1.9
12 - Correct response	12	20	0.2
19 - Correct response	19	4	0.0
70 - Incorrect response	70	74	0.8
71 - Incorrect response	71	17	0.2
79 - Incorrect response	79	256	2.9
Missing	96	4	0.0
Not administered	98	8,174	91.7
Omitted	99	63	0.7
		8,912	100.0%

Variable Name : SF32706A Galap Island_Compare of Spec 1 And 2 (1)
Record Number : 1
Position : 1031-1032
Format : N2.0
Comment : S13 09A: Life Science\Reasoning and Analysis

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	90	1.0
11 - Correct response	11	145	1.6
12 - Correct response	12	16	0.2
19 - Correct response	19	1	0.0
70 - Incorrect response	70	95	1.1
71 - Incorrect response	71	16	0.2
79 - Incorrect response	79	259	2.9
Missing	96	81	0.9
Not administered	98	8,163	91.6
Omitted	99	46	0.5
		8,912	100.0%

Variable Name : S032706B Galap Islands_ Size of Species Eats (1)
Record Number : 1
Position : 1033-1034
Format : N2.0
Comment : S13 09B: Life Science\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	55	0.6
11 - Correct response	11	150	1.7
12 - Correct response	12	68	0.8
19 - Correct response	19	20	0.2
70 - Incorrect response	70	21	0.2
71 - Incorrect response	71	20	0.2
79 - Incorrect response	79	283	3.2
Missing	96	6	0.1
Not administered	98	8,174	91.7
Omitted	99	115	1.3
		8,912	100.0%

Variable Name : SF32706B Galap Islands_ Size of Species Eats (1)
Record Number : 1
Position : 1035-1036
Format : N2.0
Comment : S13 09B: Life Science\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	36	0.4
11 - Correct response	11	114	1.3
12 - Correct response	12	66	0.7
19 - Correct response	19	19	0.2
70 - Incorrect response	70	22	0.3
71 - Incorrect response	71	57	0.6
79 - Incorrect response	79	268	3.0
Missing	96	104	1.2
Not administered	98	8,163	91.6
Omitted	99	63	0.7
		8,912	100.0%

Variable Name : S032707 Galap Island_Graphs For Spec 3 And 4 (2)
Record Number : 1
Position : 1037-1038
Format : N2.0
Comment : S13 10: Life Science\Reasoning and Analysis

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	166	1.9
19 - Correct response	19	3	0.0
70 - Incorrect response	70	27	0.3
71 - Incorrect response	71	94	1.1
72 - Incorrect response	72	194	2.2
79 - Incorrect response	79	155	1.7
Missing	96	6	0.1
Not administered	98	8,174	91.7
Omitted	99	93	1.0
		8,912	100.0%

Variable Name : SF32707 Galap Island_Graphs For Spec 3 And 4 (2)
Record Number : 1
Position : 1039-1040
Format : N2.0
Comment : S13 10: Life Science\Reasoning and Analysis

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	146	1.6
19 - Correct response	19	3	0.0
70 - Incorrect response	70	24	0.3
71 - Incorrect response	71	70	0.8
72 - Incorrect response	72	174	2.0
79 - Incorrect response	79	181	2.0
Missing	96	127	1.4
Not administered	98	8,163	91.6
Omitted	99	24	0.3
		8,912	100.0%

Variable Name : S032115 Percentage of Fresh Water On Earth (D)
Record Number : 1
Position : 1041-1041
Format : N1.0
Comment : S14 01: Earth Science\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
A	1	16	0.2
B	2	70	0.8
C	3	288	3.2
D	4	366	4.1
Missing	6	1	0.0
Invalid	7	0	0.0
Not administered	8	8,166	91.6
Omitted	9	5	0.1
		8,912	100.0%

Variable Name : SF32115 Percentage of Fresh Water On Earth (D)
Record Number : 1
Position : 1042-1042
Format : N1.0
Comment : S14 01: Earth Science\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
A	1	18	0.2
B	2	59	0.7
C	3	278	3.1
D	4	356	4.0
Missing	6	3	0.0
Invalid	7	1	0.0
Not administered	8	8,190	91.9
Omitted	9	7	0.1
		8,912	100.0%

Variable Name : S032565 Density of Salt Solution (1)
Record Number : 1
Position : 1043-1044
Format : N2.0
Comment : S14 02: Chemistry\Reasoning and Analysis

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	113	1.3
11 - Correct response	11	256	2.9
19 - Correct response	19	1	0.0
70 - Incorrect response	70	101	1.1
71 - Incorrect response	71	89	1.0
72 - Incorrect response	72	159	1.8
79 - Incorrect response	79	6	0.1
Missing	96	1	0.0
Not administered	98	8,166	91.6
Omitted	99	20	0.2
		8,912	100.0%

Variable Name : SF32565 Density of Salt Solution (1)
Record Number : 1
Position : 1045-1046
Format : N2.0
Comment : S14 02: Chemistry\Reasoning and Analysis

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	120	1.4
11 - Correct response	11	185	2.1
19 - Correct response	19	1	0.0
70 - Incorrect response	70	97	1.1
71 - Incorrect response	71	135	1.5
72 - Incorrect response	72	150	1.7
79 - Incorrect response	79	14	0.2
Missing	96	5	0.1
Not administered	98	8,190	91.9
Omitted	99	15	0.2
		8,912	100.0%

Variable Name : S032403 Particles of Liquid Compared To Gas (C)
Record Number : 1
Position : 1047-1047
Format : N1.0
Comment : S14 03: Physics\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
A	1	86	1.0
B	2	98	1.1
C	3	355	4.0
D	4	200	2.2
Missing	6	1	0.0
Invalid	7	1	0.0
Not administered	8	8,166	91.6
Omitted	9	5	0.1
		8,912	100.0%

Variable Name : SF32403 Particles of Liquid Compared To Gas (C)
Record Number : 1
Position : 1048-1048
Format : N1.0
Comment : S14 03: Physics\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
A	1	89	1.0
B	2	127	1.4
C	3	317	3.6
D	4	173	1.9
Missing	6	7	0.1
Invalid	7	0	0.0
Not administered	8	8,190	91.9
Omitted	9	9	0.1
		8,912	100.0%

Variable Name : S032273 Iron Nail With Wire Coiled Around It (C)
Record Number : 1
Position : 1049-1049
Format : N1.0
Comment : S14 04: Physics\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
A	1	21	0.2
B	2	335	3.8
C	3	273	3.1
D	4	112	1.3
Missing	6	1	0.0
Invalid	7	1	0.0
Not administered	8	8,166	91.6
Omitted	9	3	0.0
		8,912	100.0%

Variable Name : SF32273 Iron Nail With Wire Coiled Around It (C)
Record Number : 1
Position : 1050-1050
Format : N1.0
Comment : S14 04: Physics\Factual Knowledge

Response	Codes Percent	Unweighted Frequency	
A	1	28	0.3
B	2	337	3.8
C	3	252	2.8
D	4	89	1.0
Missing	6	10	0.1
Invalid	7	0	0.0
Not administered	8	8,190	91.9
Omitted	9	6	0.1
		8,912	100.0%

Variable Name : S032019A Causes of Weathering/ Physical (1)
Record Number : 1
Position : 1051-1052
Format : N2.0
Comment : S14 05A: Earth Science\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	205	2.3
19 - Correct response	19	1	0.0
70 - Incorrect response	70	78	0.9
71 - Incorrect response	71	111	1.3
79 - Incorrect response	79	204	2.3
Missing	96	1	0.0
Not administered	98	8,166	91.6
Omitted	99	146	1.6
		8,912	100.0%

Variable Name : SF32019A Causes of Weathering/ Physical (1)
Record Number : 1
Position : 1053-1054
Format : N2.0
Comment : S14 05A: Earth Science\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	197	2.2
19 - Correct response	19	2	0.0
70 - Incorrect response	70	77	0.9
71 - Incorrect response	71	69	0.8
79 - Incorrect response	79	221	2.5
Missing	96	12	0.1
Not administered	98	8,190	91.9
Omitted	99	144	1.6
		8,912	100.0%

Variable Name : S032019B Causes of Weathering/ Chemical (1)
Record Number : 1
Position : 1055-1056
Format : N2.0
Comment : S14 05B: Earth Science\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	132	1.5
19 - Correct response	19	0	0.0
70 - Incorrect response	70	126	1.4
71 - Incorrect response	71	76	0.9
79 - Incorrect response	79	238	2.7
Missing	96	2	0.0
Not administered	98	8,166	91.6
Omitted	99	172	1.9
		8,912	100.0%

Variable Name : SF32019B Causes of Weathering/ Chemical (1)
Record Number : 1
Position : 1057-1058
Format : N2.0
Comment : S14 05B: Earth Science\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	115	1.3
19 - Correct response	19	0	0.0
70 - Incorrect response	70	108	1.2
71 - Incorrect response	71	86	1.0
79 - Incorrect response	79	233	2.6
Missing	96	13	0.2
Not administered	98	8,190	91.9
Omitted	99	167	1.9
		8,912	100.0%

Variable Name : S032516 Effect of Cutting Down The Trees (1)
Record Number : 1
Position : 1059-1060
Format : N2.0
Comment : S14 06: Environmental Science\Reasoning and Analysis

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	468	5.3
11 - Correct response	11	6	0.1
19 - Correct response	19	1	0.0
70 - Incorrect response	70	49	0.6
71 - Incorrect response	71	40	0.5
79 - Incorrect response	79	107	1.2
Missing	96	2	0.0
Not administered	98	8,166	91.6
Omitted	99	73	0.8
		8,912	100.0%

Variable Name : SF32516 Effect of Cutting Down The Trees (1)
Record Number : 1
Position : 1061-1062
Format : N2.0
Comment : S14 06: Environmental Science\Reasoning and Analysis

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	441	5.0
11 - Correct response	11	2	0.0
19 - Correct response	19	0	0.0
70 - Incorrect response	70	52	0.6
71 - Incorrect response	71	38	0.4
79 - Incorrect response	79	101	1.1
Missing	96	13	0.2
Not administered	98	8,190	91.9
Omitted	99	75	0.8
		8,912	100.0%

Variable Name : S032620 Human Population Graphs (A)
Record Number : 1
Position : 1063-1063
Format : N1.0
Comment : S14 07: Environmental Science\Reasoning and Analysis

Response	Codes Percent	Unweighted Frequency	
A	1	270	3.0
B	2	280	3.1
C	3	152	1.7
D	4	35	0.4
Missing	6	3	0.0
Invalid	7	1	0.0
Not administered	8	8,166	91.6
Omitted	9	5	0.1
		8,912	100.0%

Variable Name : SF32620 Human Population Graphs (A)
Record Number : 1
Position : 1064-1064
Format : N1.0
Comment : S14 07: Environmental Science\Reasoning and Analysis

Response	Codes Percent	Unweighted Frequency	
A	1	252	2.8
B	2	260	2.9
C	3	154	1.7
D	4	38	0.4
Missing	6	14	0.2
Invalid	7	0	0.0
Not administered	8	8,190	91.9
Omitted	9	4	0.0
		8,912	100.0%

Variable Name : S032693A Life Oceans_ Complete The Food Web (1)
Record Number : 1
Position : 1065-1066
Format : N2.0
Comment : S14 08A: Life Science\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	410	4.6
70 - Incorrect response	70	63	0.7
79 - Incorrect response	79	237	2.7
Missing	96	3	0.0
Not administered	98	8,166	91.6
Omitted	99	33	0.4
		8,912	100.0%

Variable Name : SF32693A Life Oceans_ Complete The Food Web (1)
Record Number : 1
Position : 1067-1068
Format : N2.0
Comment : S14 08A: Life Science\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	360	4.0
70 - Incorrect response	70	53	0.6
79 - Incorrect response	79	251	2.8
Missing	96	14	0.2
Not administered	98	8,190	91.9
Omitted	99	44	0.5
		8,912	100.0%

Variable Name : S032693B Life Oceans_ Effect Sharks When Tuna (2)
Record Number : 1
Position : 1069-1070
Format : N2.0
Comment : S14 08B: Life Science\Reasoning and Analysis

Response	Codes Percent	Unweighted Frequency	
10 - Partial response	10	394	4.4
19 - Partial response	19	10	0.1
20 - Correct response	20	150	1.7
29 - Correct response	29	0	0.0
70 - Incorrect response	70	26	0.3
71 - Incorrect response	71	11	0.1
79 - Incorrect response	79	91	1.0
Missing	96	10	0.1
Not administered	98	8,166	91.6
Omitted	99	54	0.6
		8,912	100.0%

Variable Name : SF32693B Life Oceans_ Effect Sharks When Tuna (2)
Record Number : 1
Position : 1071-1072
Format : N2.0
Comment : S14 08B: Life Science\Reasoning and Analysis

Response	Codes Percent	Unweighted Frequency	
10 - Partial response	10	394	4.4
19 - Partial response	19	10	0.1
20 - Correct response	20	112	1.3
29 - Correct response	29	2	0.0
70 - Incorrect response	70	20	0.2
71 - Incorrect response	71	19	0.2
79 - Incorrect response	79	70	0.8
Missing	96	39	0.4
Not administered	98	8,190	91.9
Omitted	99	56	0.6
		8,912	100.0%

Variable Name : S032695 Life Oceans_ How Organism Low Tide (2)
Record Number : 1
Position : 1073-1074
Format : N2.0
Comment : S14 09: Life Science\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
10 - Partial response	10	145	1.6
19 - Partial response	19	32	0.4
20 - Correct response	20	273	3.1
29 - Correct response	29	0	0.0
70 - Incorrect response	70	166	1.9
79 - Incorrect response	79	43	0.5
Missing	96	10	0.1
Not administered	98	8,166	91.6
Omitted	99	77	0.9
		8,912	100.0%

Variable Name : SF32695 Life Oceans_ How Organism Low Tide (2)
Record Number : 1
Position : 1075-1076
Format : N2.0
Comment : S14 09: Life Science\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
10 - Partial response	10	146	1.6
19 - Partial response	19	13	0.2
20 - Correct response	20	246	2.8
29 - Correct response	29	0	0.0
70 - Incorrect response	70	134	1.5
79 - Incorrect response	79	66	0.7
Missing	96	59	0.7
Not administered	98	8,190	91.9
Omitted	99	58	0.7
		8,912	100.0%

Variable Name : S032697A Life Oceans_Two Condit Bottom Ocean (2)
Record Number : 1
Position : 1077-1078
Format : N2.0
Comment : S14 10: Life Science\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	223	2.5
11 - Correct response	11	87	1.0
12 - Correct response	12	76	0.9
13 - Correct response	13	19	0.2
19 - Correct response	19	4	0.0
70 - Incorrect response	70	23	0.3
71 - Incorrect response	71	28	0.3
79 - Incorrect response	79	187	2.1
Missing	96	12	0.1
Not administered	98	8,166	91.6
Omitted	99	87	1.0
		8,912	100.0%

Variable Name : S032697B Life Oceans_Two Condi Bottom Ocean (2)
Record Number : 1
Position : 1079-1080
Format : N2.0
Comment : S14 10: Life Science\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	111	1.3
11 - Correct response	11	100	1.1
12 - Correct response	12	79	0.9
13 - Correct response	13	85	1.0
19 - Correct response	19	12	0.1
70 - Incorrect response	70	26	0.3
71 - Incorrect response	71	35	0.4
79 - Incorrect response	79	190	2.1
Missing	96	12	0.1
Not administered	98	8,166	91.6
Omitted	99	96	1.1
		8,912	100.0%

Variable Name : S032697D Life Oceans_Two Condi Bottom Ocean (2)
Record Number : 1
Position : 1081-1082
Format : N2.0
Comment : S14 10: Life Science\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	120	1.4
20 - Correct response	20	338	3.8
70 - Incorrect response	70	190	2.1
79 - Partially correct response	79	0	0.0
Missing	96	12	0.1
Not administered	98	8,166	91.6
Omitted	99	86	1.0
		8,912	100.0%

Variable Name : SF32697A Life Oceans_Two Condi Bottom Ocean (2)
Record Number : 1
Position : 1083-1084
Format : N2.0
Comment : S14 10: Life Science\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	200	2.2
11 - Correct response	11	62	0.7
12 - Correct response	12	58	0.7
13 - Correct response	13	13	0.2
19 - Correct response	19	2	0.0
70 - Incorrect response	70	15	0.2
71 - Incorrect response	71	31	0.4
79 - Incorrect response	79	191	2.1
Missing	96	89	1.0
Not administered	98	8,190	91.9
Omitted	99	61	0.7
		8,912	100.0%

Variable Name : SF32697B Life Oceans_Two Condi Bottom Ocean (2)
Record Number : 1
Position : 1085-1086
Format : N2.0
Comment : S14 10: Life Science\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	79	0.9
11 - Correct response	11	91	1.0
12 - Correct response	12	54	0.6
13 - Correct response	13	76	0.9
19 - Correct response	19	6	0.1
70 - Incorrect response	70	24	0.3
71 - Incorrect response	71	24	0.3
79 - Incorrect response	79	212	2.4
Missing	96	89	1.0
Not administered	98	8,190	91.9
Omitted	99	67	0.8
		8,912	100.0%

Variable Name : SF32697D Life Oceans_Two Condit Bottom Ocean (2)
Record Number : 1
Position : 1087-1088
Format : N2.0
Comment : S14 10: Life Science\Conceptual Understanding

Response	Codes Percent	Unweighted Frequency	
10 - Correct response	10	125	1.4
20 - Correct response	20	258	2.9
70 - Incorrect response	70	190	2.1
79 - Partially correct response	79	0	0.0
Missing	96	89	1.0
Not administered	98	8,190	91.9
Omitted	99	60	0.7
		8,912	100.0%

Variable Name : JKREP *Jackknife Replicate Code*
Record Number : 1
Position : 1089-1089
Format : N1.0
Comment : Jackknife Variable

Response	Codes Percent	Unweighted Frequency	
Replicate group 0	0	4,444	49.9
Replicate group 1	1	4,468	50.1
		8,912	100.0%

Variable Name : JKZONE *Jackknife Zone*
Record Number : 1
Position : 1090-1091
Format : N2.0
Comment : Jackknife Variable

Response	Codes Percent	Unweighted Frequency	
1-75		8,912	100.0
		8,912	100.0%

Variable Name : HOUWGT *House Weight*
 Record Number : 1
 Position : 1092-1104
 Format : N13.6
 Comment : Weight Variable

Response	Codes Percent	Unweighted Frequency
0.199410-9.961151		8,912 100.0
		8,912 100.0%

Variable Name : SENWGT *Senate Weight*
 Record Number : 1
 Position : 1105-1117
 Format : N13.6
 Comment : Weight Variable

Response	Codes Percent	Unweighted Frequency
0.011188-0.558862		8,912 100.0
		8,912 100.0%

Variable Name : TOTWGT *Total Student Weight*
 Record Number : 1
 Position : 1118-1130
 Format : N13.6
 Comment : Weight Variable

Response	Codes Percent	Unweighted Frequency
77.133273-3853.056879		8,912 100.0
		8,912 100.0%

Variable Name : BSMALG01 *1st PV Algebra*
 Record Number : 1
 Position : 1131-1136
 Format : N6.2
 Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
233.43-789.97		8,912 100.0
		8,912 100.0%

Variable Name : BSMALG02 *2nd PV Algebra*
 Record Number : 1
 Position : 1137-1142
 Format : N6.2
 Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
263.12-764.21		8,912
		8,912
		100.0%

Variable Name : BSMALG03 *3rd PV Algebra*
 Record Number : 1
 Position : 1143-1148
 Format : N6.2
 Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
257.30-785.43		8,912
		8,912
		100.0%

Variable Name : BSMALG04 *4th PV Algebra*
 Record Number : 1
 Position : 1149-1154
 Format : N6.2
 Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
249.27-775.57		8,912
		8,912
		100.0%

Variable Name : BSMALG05 *5th PV Algebra*
 Record Number : 1
 Position : 1155-1160
 Format : N6.2
 Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
246.21-763.03		8,912
		8,912
		100.0%

Variable Name : BSMAPP01 *1st PV Applying*
 Record Number : 1
 Position : 1161-1166
 Format : N6.2
 Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
232.08-767.85		8,912
		8,912
		100.0%

Variable Name : BSMAPP02 *2nd PV Applying*
 Record Number : 1
 Position : 1167-1172
 Format : N6.2
 Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
192.36-786.29		8,912
		8,912
		100.0%

Variable Name : BSMAPP03 *3rd PV Applying*
 Record Number : 1
 Position : 1173-1178
 Format : N6.2
 Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
199.42-787.25		8,912
		8,912
		100.0%

Variable Name : BSMAPP04 *4th PV Applying*
 Record Number : 1
 Position : 1179-1184
 Format : N6.2
 Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
204.46-773.25		8,912
		8,912
		100.0%

Variable Name : BSMAPP05 *5th PV Applying*
 Record Number : 1
 Position : 1185-1190
 Format : N6.2
 Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
220.39-816.75		8,912
		8,912
		100.0%

Variable Name : BSMDAP01 *1st PV Data Repr.,Analysis,Probability*
 Record Number : 1
 Position : 1191-1196
 Format : N6.2
 Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
250.22-794.33		8,912
		8,912
		100.0%

Variable Name : BSMDAP02 *2nd PV Data Repr.,Analysis,Probability*
 Record Number : 1
 Position : 1197-1202
 Format : N6.2
 Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
177.05-820.65		8,912
		8,912
		100.0%

Variable Name : BSMDAP03 *3rd PV Data Repr.,Analysis,Probability*
 Record Number : 1
 Position : 1203-1208
 Format : N6.2
 Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
235.03-814.82		8,912
		8,912
		100.0%

Variable Name : BSMDAP04 *4th PV Data Repr.,Analysis,Probability*
 Record Number : 1
 Position : 1209-1214
 Format : N6.2
 Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
241.98-785.95		8,912
		8,912
		100.0
		100.0%

Variable Name : BSMDAP05 *5th PV Data Repr.,Analysis,Probability*
 Record Number : 1
 Position : 1215-1220
 Format : N6.2
 Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
237.87-771.34		8,912
		8,912
		100.0
		100.0%

Variable Name : BSMFNS01 *1st PV Fractions + Number Sense*
 Record Number : 1
 Position : 1221-1226
 Format : N6.2
 Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
244.20-778.90		8,912
		8,912
		100.0
		100.0%

Variable Name : BSMFNS02 *2nd PV Fractions + Number Sense*
 Record Number : 1
 Position : 1227-1232
 Format : N6.2
 Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
241.32-789.47		8,912
		8,912
		100.0
		100.0%

Variable Name : BSMFNS03 *3rd PV Fractions + Number Sense*
 Record Number : 1
 Position : 1233-1238
 Format : N6.2
 Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
233.10-773.99		8,912
		8,912
		100.0%

Variable Name : BSMFNS04 *4th PV Fractions + Number Sense*
 Record Number : 1
 Position : 1239-1244
 Format : N6.2
 Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
220.20-790.22		8,912
		8,912
		100.0%

Variable Name : BSMFNS05 *5th PV Fractions + Number Sense*
 Record Number : 1
 Position : 1245-1250
 Format : N6.2
 Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
228.31-792.65		8,912
		8,912
		100.0%

Variable Name : BSMGEO01 *1st PV Geometry*
 Record Number : 1
 Position : 1251-1256
 Format : N6.2
 Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
220.94-736.08		8,912
		8,912
		100.0%

Variable Name : BSMGEO02 *2nd PV Geometry*
 Record Number : 1
 Position : 1257-1262
 Format : N6.2
 Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
197.73-735.81		8,912
		8,912
		100.0%

Variable Name : BSMGEO03 *3rd PV Geometry*
 Record Number : 1
 Position : 1263-1268
 Format : N6.2
 Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
207.49-742.66		8,912
		8,912
		100.0%

Variable Name : BSMGEO04 *4th PV Geometry*
 Record Number : 1
 Position : 1269-1274
 Format : N6.2
 Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
214.10-757.98		8,912
		8,912
		100.0%

Variable Name : BSMGEO05 *5th PV Geometry*
 Record Number : 1
 Position : 1275-1280
 Format : N6.2
 Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
212.63-742.48		8,912
		8,912
		100.0%

Variable Name : BSMKNO01 *1st PV Knowing*
 Record Number : 1
 Position : 1281-1286
 Format : N6.2
 Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
272.27-756.97		8,912 100.0
		8,912 100.0%

Variable Name : BSMKNO02 *2nd PV Knowing*
 Record Number : 1
 Position : 1287-1292
 Format : N6.2
 Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
276.28-735.85		8,912 100.0
		8,912 100.0%

Variable Name : BSMKNO03 *3rd PV Knowing*
 Record Number : 1
 Position : 1293-1298
 Format : N6.2
 Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
262.74-746.40		8,912 100.0
		8,912 100.0%

Variable Name : BSMKNO04 *4th PV Knowing*
 Record Number : 1
 Position : 1299-1304
 Format : N6.2
 Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
286.07-727.78		8,912 100.0
		8,912 100.0%

Variable Name : BSMKNO05 *5th PV Knowing*
 Record Number : 1
 Position : 1305-1310
 Format : N6.2
 Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
281.22-750.96		8,912
		8,912
		100.0%

Variable Name : BSMMAT01 *1st Plausible Value Mathematics*
 Record Number : 1
 Position : 1311-1316
 Format : N6.2
 Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
243.22-750.73		8,912
		8,912
		100.0%

Variable Name : BSMMAT02 *2nd Plausible Value Mathematics*
 Record Number : 1
 Position : 1317-1322
 Format : N6.2
 Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
199.69-767.23		8,912
		8,912
		100.0%

Variable Name : BSMMAT03 *3rd Plausible Value Mathematics*
 Record Number : 1
 Position : 1323-1328
 Format : N6.2
 Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
254.81-773.47		8,912
		8,912
		100.0%

Variable Name : BSMMAT04 *4th Plausible Value Mathematics*
 Record Number : 1
 Position : 1329-1334
 Format : N6.2
 Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
237.59-762.05		8,912
		8,912
		100.0%

Variable Name : BSMMAT05 *5th Plausible Value Mathematics*
 Record Number : 1
 Position : 1335-1340
 Format : N6.2
 Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
263.83-771.10		8,912
		8,912
		100.0%

Variable Name : BSMMEA01 *1st PV Measurement*
 Record Number : 1
 Position : 1341-1346
 Format : N6.2
 Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
216.91-750.46		8,912
		8,912
		100.0%

Variable Name : BSMMEA02 *2nd PV Measurement*
 Record Number : 1
 Position : 1347-1352
 Format : N6.2
 Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
233.89-818.99		8,912
		8,912
		100.0%

Variable Name : BSMMEA03 *3rd PV Measurement*
 Record Number : 1
 Position : 1353-1358
 Format : N6.2
 Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
218.69-776.25		8,912 100.0
		8,912 100.0%

Variable Name : BSMMEA04 *4th PV Measurement*
 Record Number : 1
 Position : 1359-1364
 Format : N6.2
 Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
248.49-785.64		8,912 100.0
		8,912 100.0%

Variable Name : BSMMEA05 *5th PV Measurement*
 Record Number : 1
 Position : 1365-1370
 Format : N6.2
 Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
228.67-786.54		8,912 100.0
		8,912 100.0%

Variable Name : BSMNRSC *National Math Rasch Score (150,10)*
 Record Number : 1
 Position : 1371-1378
 Format : N8.3
 Comment : Scoring Variable

Response	Codes Percent	Unweighted Frequency
109.903-190.525		8,912 100.0
		8,912 100.0%

Variable Name : BSMREA01 *1st PV Reasoning*
 Record Number : 1
 Position : 1379-1384
 Format : N6.2
 Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
208.49-792.30		8,912
		8,912
		100.0%

Variable Name : BSMREA02 *2nd PV Reasoning*
 Record Number : 1
 Position : 1385-1390
 Format : N6.2
 Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
231.41-812.43		8,912
		8,912
		100.0%

Variable Name : BSMREA03 *3rd PV Reasoning*
 Record Number : 1
 Position : 1391-1396
 Format : N6.2
 Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
183.03-771.48		8,912
		8,912
		100.0%

Variable Name : BSMREA04 *4th PV Reasoning*
 Record Number : 1
 Position : 1397-1402
 Format : N6.2
 Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
227.35-779.58		8,912
		8,912
		100.0%

Variable Name : BSMREA05 *5th PV Reasoning*
 Record Number : 1
 Position : 1403-1408
 Format : N6.2
 Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
177.21-814.74		8,912
		8,912
		100.0%

Variable Name : BSMSCPT *Raw Score On Math Items*
 Record Number : 1
 Position : 1409-1410
 Format : N2.0
 Comment : Scoring Variable

Response	Codes Percent	Unweighted Frequency
0-64		8,912
		8,912
		100.0%

Variable Name : BSMSTDR *Standardized Math Raw Score (50,10)*
 Record Number : 1
 Position : 1411-1418
 Format : N8.3
 Comment : Scoring Variable

Response	Codes Percent	Unweighted Frequency
26.181-80.068		8,912
		8,912
		100.0%

Variable Name : BSSCHE01 *1st PV Chemistry*
 Record Number : 1
 Position : 1419-1424
 Format : N6.2
 Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
233.71-764.78		8,912
		8,912
		100.0%

Variable Name : BSSCHE02 *2nd PV Chemistry*
 Record Number : 1
 Position : 1425-1430
 Format : N6.2
 Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
237.96-802.80		8,912
		8,912
		100.0%

Variable Name : BSSCHE03 *3rd PV Chemistry*
 Record Number : 1
 Position : 1431-1436
 Format : N6.2
 Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
232.74-761.28		8,912
		8,912
		100.0%

Variable Name : BSSCHE04 *4th PV Chemistry*
 Record Number : 1
 Position : 1437-1442
 Format : N6.2
 Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
231.15-767.77		8,912
		8,912
		100.0%

Variable Name : BSSCHE05 *5th PV Chemistry*
 Record Number : 1
 Position : 1443-1448
 Format : N6.2
 Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
217.19-789.14		8,912
		8,912
		100.0%

Variable Name : BSSEAS01 *1st PV Earth Science*
 Record Number : 1
 Position : 1449-1454
 Format : N6.2
 Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
238.43-790.68		8,912 100.0
		8,912 100.0%

Variable Name : BSSEAS02 *2nd PV Earth Science*
 Record Number : 1
 Position : 1455-1460
 Format : N6.2
 Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
223.83-797.92		8,912 100.0
		8,912 100.0%

Variable Name : BSSEAS03 *3rd PV Earth Science*
 Record Number : 1
 Position : 1461-1466
 Format : N6.2
 Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
243.16-799.49		8,912 100.0
		8,912 100.0%

Variable Name : BSSEAS04 *4th PV Earth Science*
 Record Number : 1
 Position : 1467-1472
 Format : N6.2
 Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
237.60-779.23		8,912 100.0
		8,912 100.0%

Variable Name : BSSEAS05 *5th PV Earth Science*
 Record Number : 1
 Position : 1473-1478
 Format : N6.2
 Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
255.77-790.97		8,912 100.0
		8,912 100.0%

Variable Name : BSSERI01 *1st PV Environm.Iss. + Resource Iss.*
 Record Number : 1
 Position : 1479-1484
 Format : N6.2
 Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
243.08-783.83		8,912 100.0
		8,912 100.0%

Variable Name : BSSERI02 *2nd PV Environm.Iss. + Resource Iss.*
 Record Number : 1
 Position : 1485-1490
 Format : N6.2
 Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
228.59-775.90		8,912 100.0
		8,912 100.0%

Variable Name : BSSERI03 *3rd PV Environm.Iss. + Resource Iss.*
 Record Number : 1
 Position : 1491-1496
 Format : N6.2
 Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
265.77-797.68		8,912 100.0
		8,912 100.0%

Variable Name : BSSERI04 *4th PV Environm.Iss. + Resource Iss.*
Record Number : 1
Position : 1497-1502
Format : N6.2
Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
231.69-783.40		8,912 100.0
		8,912 100.0%

Variable Name : BSSERI05 *5th PV Environm.Iss. + Resource Iss.*
Record Number : 1
Position : 1503-1508
Format : N6.2
Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
230.32-776.27		8,912 100.0
		8,912 100.0%

Variable Name : BSSLIS01 *1st PV Life Science*
Record Number : 1
Position : 1509-1514
Format : N6.2
Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
240.39-806.94		8,912 100.0
		8,912 100.0%

Variable Name : BSSLIS02 *2nd PV Life Science*
Record Number : 1
Position : 1515-1520
Format : N6.2
Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
201.85-829.27		8,912 100.0
		8,912 100.0%

Variable Name : BSSLIS03 *3rd PV Life Science*
 Record Number : 1
 Position : 1521-1526
 Format : N6.2
 Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
214.02-850.88		8,912
		8,912
		100.0%

Variable Name : BSSLIS04 *4th PV Life Science*
 Record Number : 1
 Position : 1527-1532
 Format : N6.2
 Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
207.49-798.20		8,912
		8,912
		100.0%

Variable Name : BSSLIS05 *5th PV Life Science*
 Record Number : 1
 Position : 1533-1538
 Format : N6.2
 Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
194.11-811.34		8,912
		8,912
		100.0%

Variable Name : BSSNRSC *National Science Rasch Score (150,10)*
 Record Number : 1
 Position : 1539-1546
 Format : N8.3
 Comment : Scoring Variable

Response	Codes Percent	Unweighted Frequency
104.471-194.682		8,912
		8,912
		100.0%

Variable Name : BSSPHY01 *1st PV Physics*
 Record Number : 1
 Position : 1547-1552
 Format : N6.2
 Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
252.50-779.83		8,912
		8,912
		100.0%

Variable Name : BSSPHY02 *2nd PV Physics*
 Record Number : 1
 Position : 1553-1558
 Format : N6.2
 Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
243.08-767.01		8,912
		8,912
		100.0%

Variable Name : BSSPHY03 *3rd PV Physics*
 Record Number : 1
 Position : 1559-1564
 Format : N6.2
 Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
214.25-753.19		8,912
		8,912
		100.0%

Variable Name : BSSPHY04 *4th PV Physics*
 Record Number : 1
 Position : 1565-1570
 Format : N6.2
 Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
226.50-763.21		8,912
		8,912
		100.0%

Variable Name : BSSPHY05 *5th PV Physics*
Record Number : 1
Position : 1571-1576
Format : N6.2
Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
241.53-761.99		8,912
		8,912
		100.0
		100.0%

Variable Name : BSSSCI01 *1st Plausible Value Science*
Record Number : 1
Position : 1577-1582
Format : N6.2
Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
208.97-796.25		8,912
		8,912
		100.0
		100.0%

Variable Name : BSSSCI02 *2nd Plausible Value Science*
Record Number : 1
Position : 1583-1588
Format : N6.2
Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
208.00-809.38		8,912
		8,912
		100.0
		100.0%

Variable Name : BSSSCI03 *3rd Plausible Value Science*
Record Number : 1
Position : 1589-1594
Format : N6.2
Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
225.44-799.91		8,912
		8,912
		100.0
		100.0%

Variable Name : BSSSCI04 *4th Plausible Value Science*
 Record Number : 1
 Position : 1595-1600
 Format : N6.2
 Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
247.26-794.46		8,912
		8,912
		100.0
		100.0%

Variable Name : BSSSCI05 *5th Plausible Value Science*
 Record Number : 1
 Position : 1601-1606
 Format : N6.2
 Comment : Plausible Value

Response	Codes Percent	Unweighted Frequency
251.69-803.03		8,912
		8,912
		100.0
		100.0%

Variable Name : BSSSCT *Raw Score On Science Item*
 Record Number : 1
 Position : 1607-1608
 Format : N2.0
 Comment : Scoring Variable

Response	Codes Percent	Unweighted Frequency
0-59		8,912
		8,912
		100.0
		100.0%

Variable Name : BSSSTDR *Standardized Science Raw Score (50,10)*
 Record Number : 1
 Position : 1609-1616
 Format : N8.3
 Comment : Scoring Variable

Response	Codes Percent	Unweighted Frequency
20.235-77.235		8,912
		8,912
		100.0
		100.0%

Variable Name : DPCDATE *File Creation Date At Dpc Hamburg*
Record Number : 1
Position : 1617-1622
Format : N6.0
Comment : System Variable

Response	Codes Percent	Unweighted Frequency	
October 25, 2005	102505	8,912	100.0
		8,912	100.0%