Methods of Entry School Pre-course Math Exercise

Terms:

1. The SUM is the answer to an addition problem.

2. The DIFFERENCE is the answer to a subtraction problem.

3. The PRODUCT is the answer to a multiplication problem.

4. The QUOTIENT is the answer to a division problem (note that "/" and "÷" each mean divide.

Rules:

Every sum, difference, product, and quotient will be cut off at the hundredths place.

Example: 9.87 x 2.76 = 27.2412, will be expressed as 27.24

Understand order of operations: Parentheses, exponents, multiplication / division, addition/subtraction

Sample problems: Complete as an individual without the aid of a calculator. Use the answer key to check your answers.

1. 132.84 + 30,000 + .43 + 987.25 =

2. 734,123.02 ÷ 7000 =

3. 187 + 123 + .33 + 128.93 + 54.83 ÷ 7000 =

4. (15 x 87 x 2 x 13.2 x .01 x 98.6) ÷ 7000 =

5. (10 + 70 + 76 + 40 + 52)(1.5) ÷ 7000 =

6. .45 x 2.34 x 9.87 x 45.08 =

7. (198)(8+7) ÷ 7000 =

8. 7 x 63 =

9. 129.43 + 987.01 =

10. (8675 x 309) ÷ 7000 =

11. 9 x 2 x 37 =

12. 15,000 ÷ 7000 =

13. 1.03487 x 1.5693 =

14. 9.87 + (1.66 x 3) x 4 =

15. (45)(27) + (9+8)(34) =

16. 2 x 3 x 3 x 2 x 1.66 =

17. 473267.35 ÷ 7000 =

18. (142 + 345.68 + 123.987 + 567.9245) ÷ 7000 =

19. 7 x 6 x 15 =

20. 1.01 x 5.01 x .02 x 18 =

Answer Key

1. 31,120.52

2. 104.87

3. .07

4. 4.85

5. .05

6. 468.52

7. .42

8. 441

9. 1116.44

10. 382.93

11. 666

12. 2.14

13. 1.62

14. 29.79

15. 1793

16. 59.76

17. 67.60

18. .16

19. 630

20. 1.82