



# WEST VIRGINIA FARM FUN





United States Department of Agriculture  
National Agricultural Statistics Service  
West Virginia Field Office  
In Cooperation with the West Virginia Department of Agriculture



Dear Boys and Girls,

West Virginia farmers and their families grow some of the food we eat every day. They grow hundreds of different products each year including many of the good fruits and vegetables we enjoy. They have dairy cows which provide milk for us and care for many other kinds of farm animals as well.

By working on “**Farm Fun**” you will learn more about agriculture and how important it is to the farmers who work to produce our food. Enjoy playing the games, solving the puzzles and coloring the pictures in this booklet. For more games, puzzles and fun things to do, you can visit the following pages on the web:

[http:// www.ars.usda.gov/is/kids/](http://www.ars.usda.gov/is/kids/)

You can learn more about agriculture in West Virginia by also visiting:

[http:// www.agclassroom.org/kids](http://www.agclassroom.org/kids)

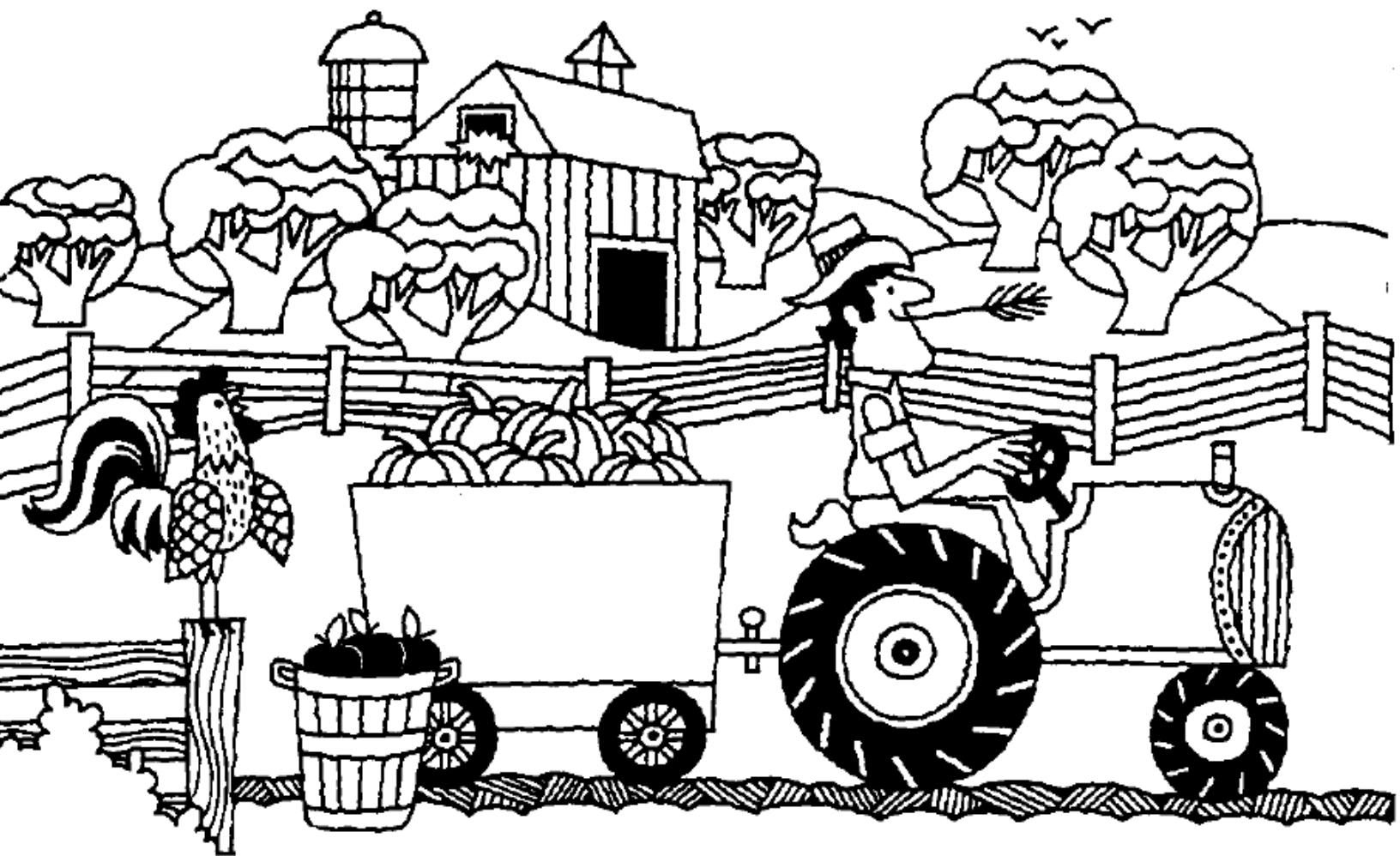
If you have a question, please send it to me (e-mail) at:

[nass-wv@nass.usda.gov](mailto:nass-wv@nass.usda.gov)

*Dale R. King*

Dale R. King  
Director

# West Virginia Agriculture



What do you think of when you hear the word “**agriculture**”? Does the image of crops growing in a field or a barnyard full of animals come to mind? By playing the games in this book you will learn about the different crops and livestock produced in West Virginia as well as some common terms for different animals, and also have a bunch of **farm fun!**

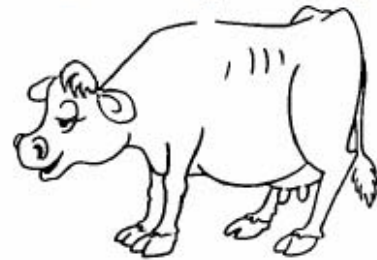
# BARNYARD FUN



Hen



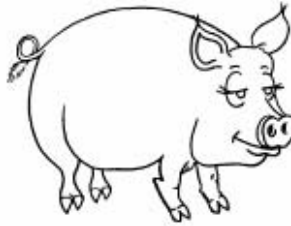
Lamb



Cow



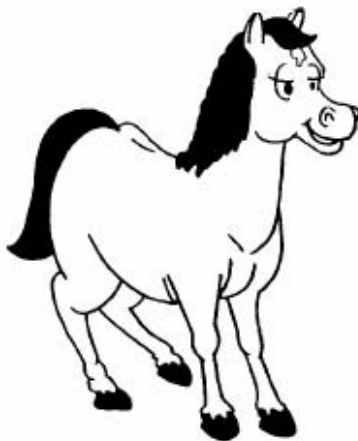
Piglet



Sow



Chick



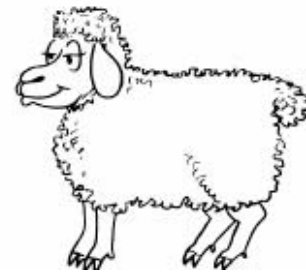
Mare



Foal

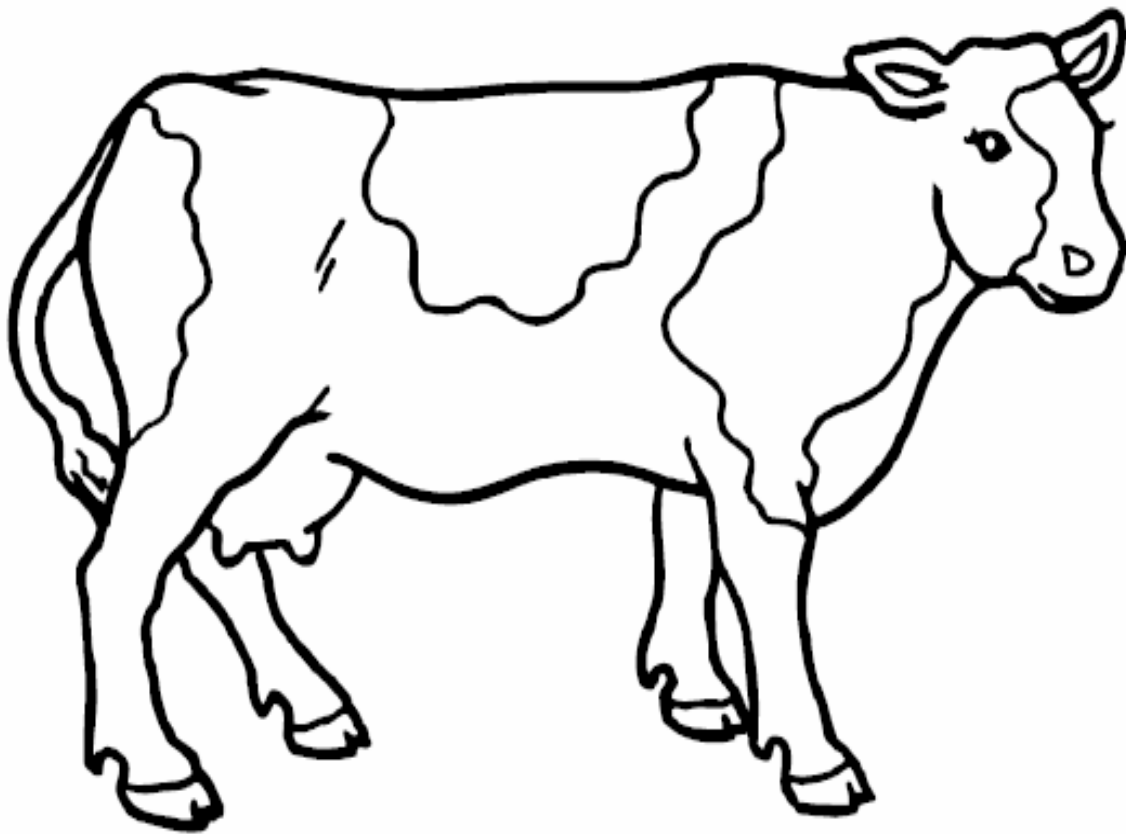
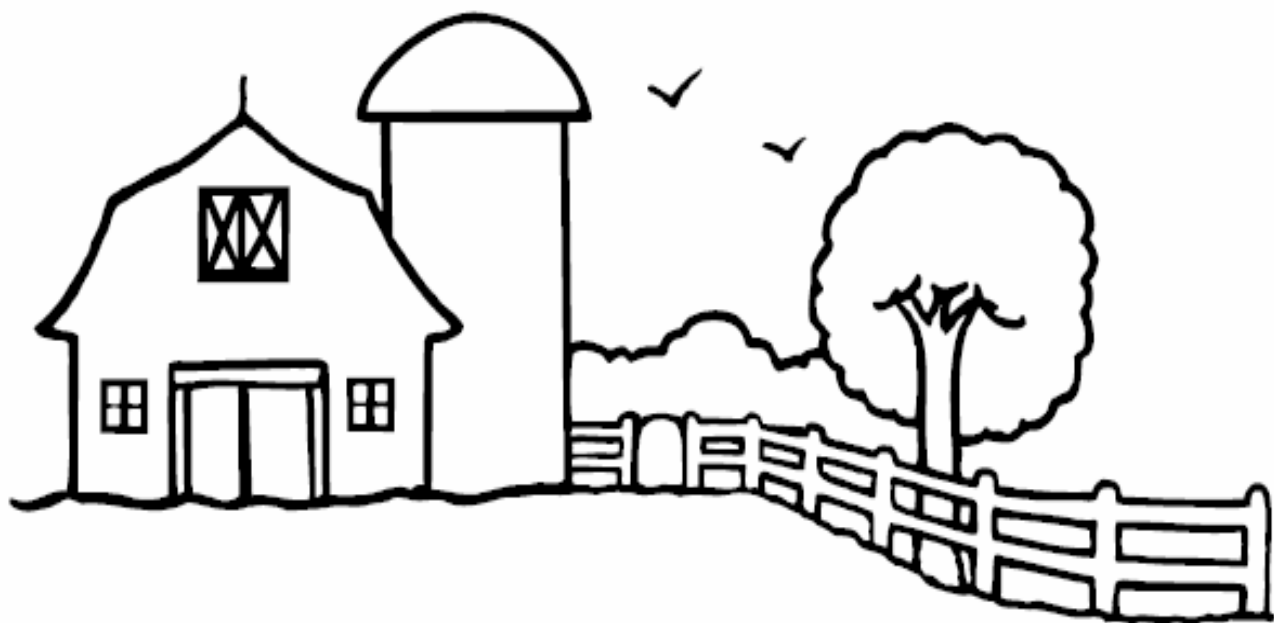


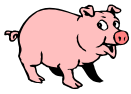
Calf



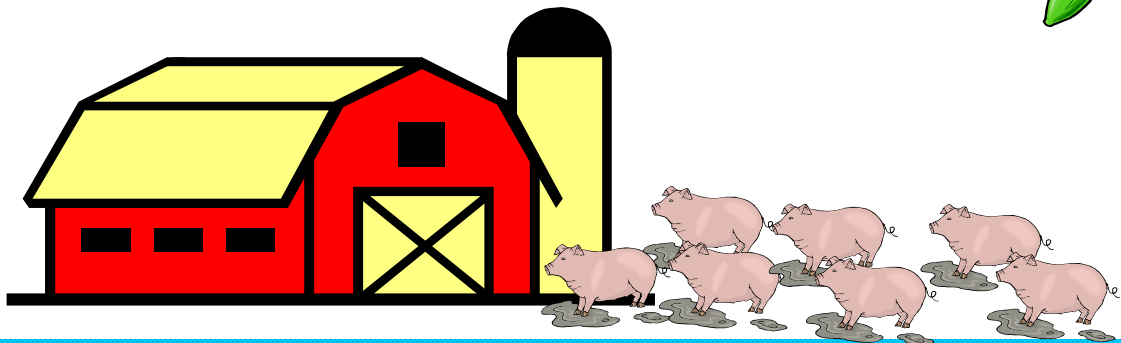
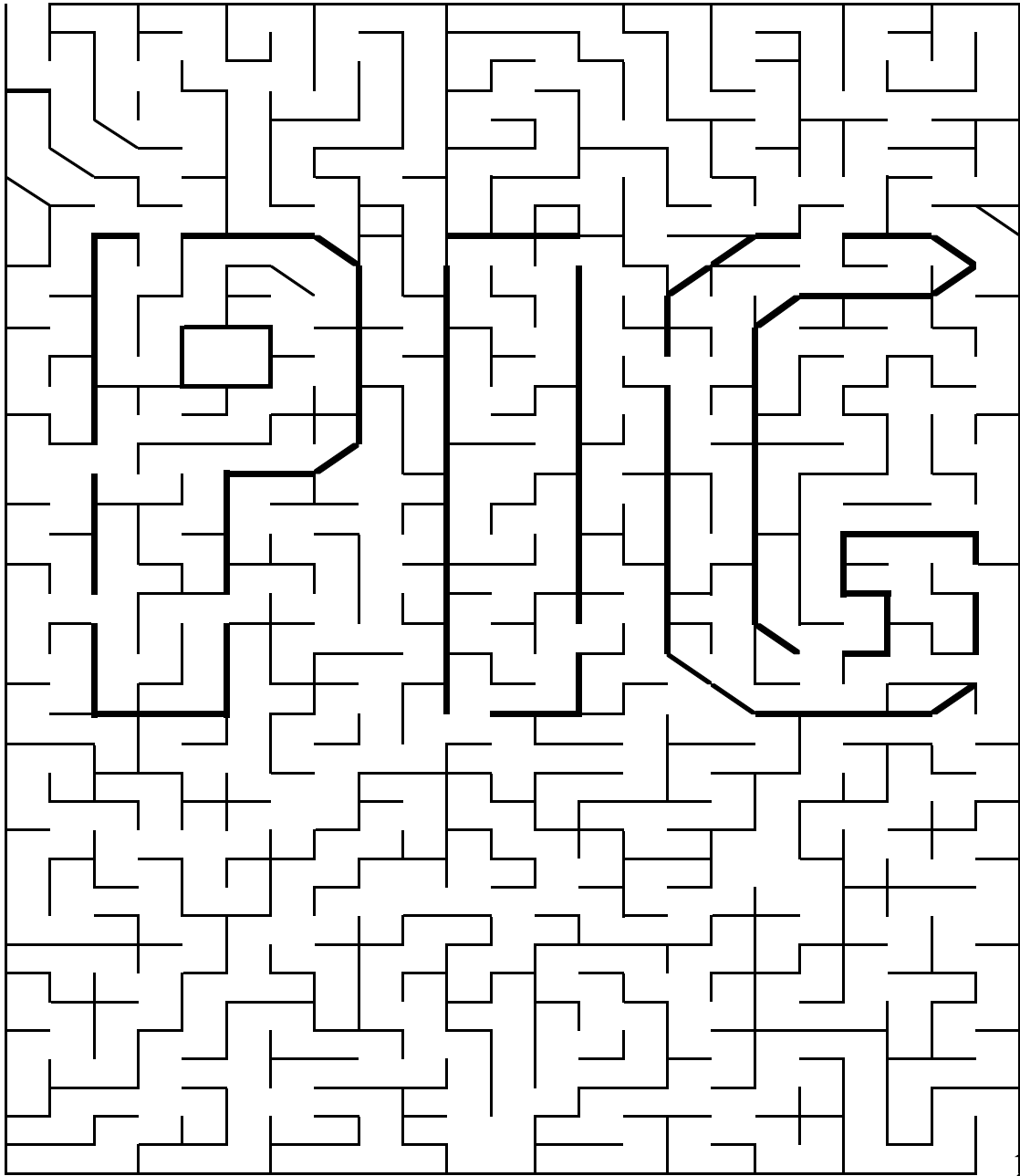
Ewe

Help the babies find their mothers! Help them by drawing a line from each baby farm animal to its mother.





Help the pig find the corn!



# Farm Scramble



Unscramble the letters below to reveal a farm word!



crotart-----Farmers use this to pull a plow. \_\_\_\_\_

marfre-----Who takes care of the animals? \_\_\_\_\_

ayh-----Crop that is fed to animals. \_\_\_\_\_

rsohe-----Farm animal that is fun to ride. \_\_\_\_\_

palpe-----Fruit that is commonly grown in WV. \_\_\_\_\_

nrab-----Place where animals are kept. \_\_\_\_\_

nickhec-----Animal that lays eggs. \_\_\_\_\_

ktuyre-----Good at Thanksgiving dinner. \_\_\_\_\_

lksotviec-----Term used to describe farm animals. \_\_\_\_\_

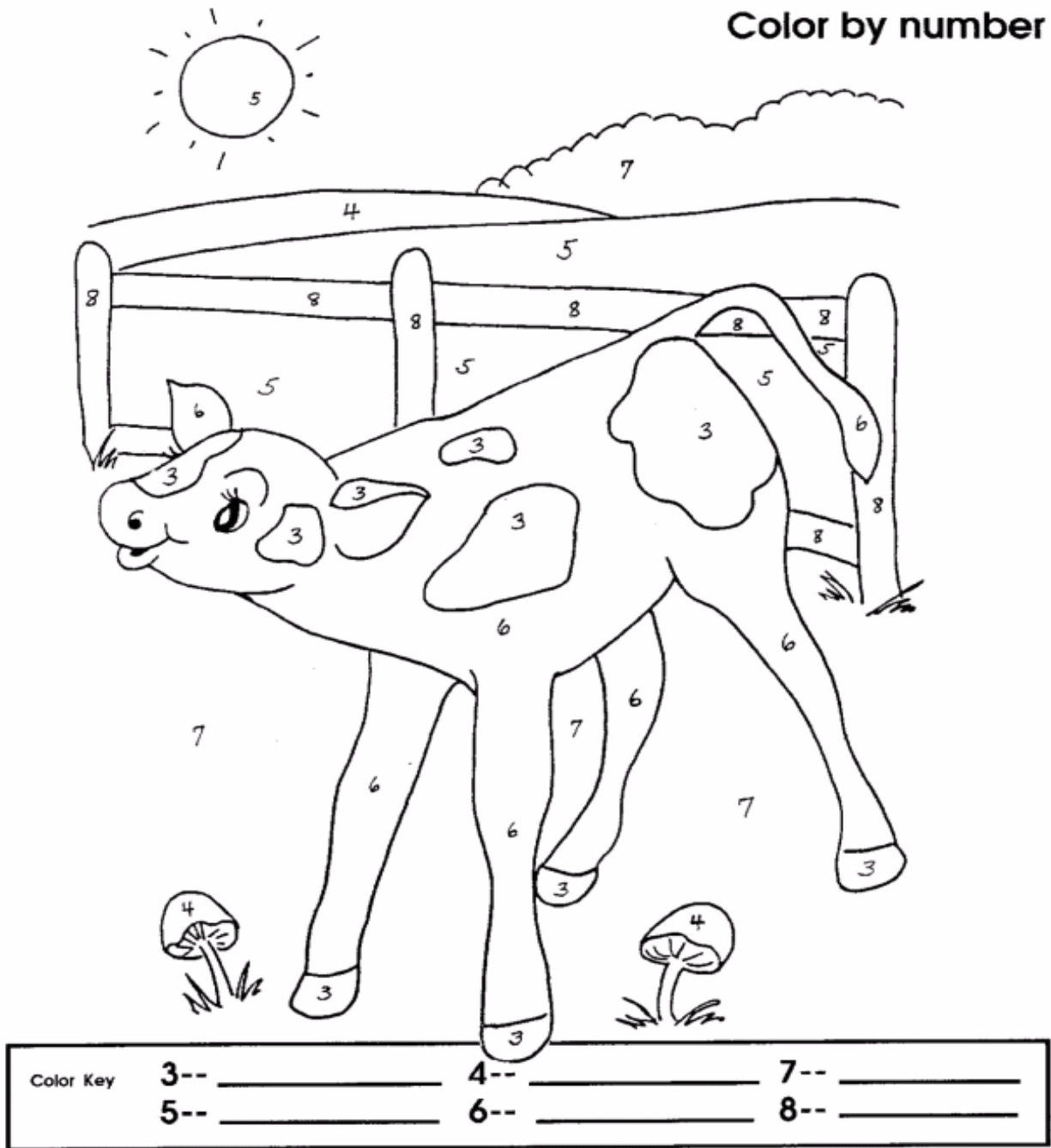
hawet-----Crop used to make bread. \_\_\_\_\_

paregs-----Fruit that raisins are made out of. \_\_\_\_\_

osli-----Place where grains are stored. \_\_\_\_\_



# Color by number



To color the picture above, you must find out what color each number should be. The answers to the problems below will tell what number that color goes in. Work the problems and write the name of the color beside the number in the color key box that is the same as the answer to the problem. Use the color key to color the picture.

$$\begin{array}{r} 4 \\ +3 \\ \hline \end{array}$$

Green

$$\begin{array}{r} 2 \\ +1 \\ \hline \end{array}$$

Black

$$\begin{array}{r} 3 \\ +3 \\ \hline \end{array}$$

White

$$\begin{array}{r} 9 \\ -1 \\ \hline \end{array}$$

Gray

$$\begin{array}{r} 2 \\ +3 \\ \hline \end{array}$$

Yellow

$$\begin{array}{r} 1 \\ +3 \\ \hline \end{array}$$

Brown



# Apple Riddle

Work each of the equations below. Match the answer with the letter next to it and fill in the blanks above to solve the riddle.

## Riddle:

How do you divide 8 apples among 9 students?

$$\overline{1014}$$

$$\overline{591}$$

$$\overline{1171}$$

$$\overline{170}$$

$$\overline{591}$$

$$\overline{178}$$

$$\overline{178}$$

$$\overline{1057}$$

$$\overline{170}$$

$$\overline{826}$$

$$\overline{591}$$

$$\overline{457}$$

$$\overline{435}$$

$$\overline{170}$$

A:  $354 + 237 =$  \_\_\_\_\_

C:  $187 + 248 =$  \_\_\_\_\_

E:  $762 - 592 =$  \_\_\_\_\_

K:  $775 + 396 =$  \_\_\_\_\_

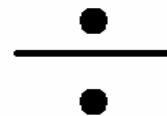
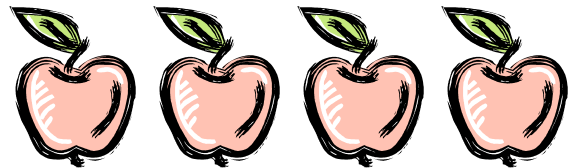
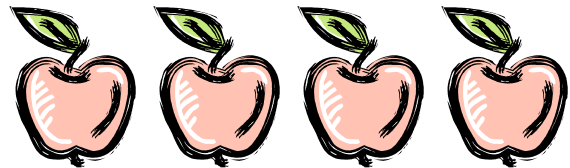
L:  $611 + 446 =$  \_\_\_\_\_

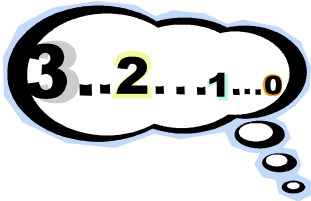
M:  $869 + 145 =$  \_\_\_\_\_

P:  $936 - 758 =$  \_\_\_\_\_

S:  $468 + 358 =$  \_\_\_\_\_

U:  $632 - 175 =$  \_\_\_\_\_





# Number Block



**Try to fill in the missing numbers.**

The missing numbers are integers between 0 and 9.

The numbers in each row add up to the totals to the right.

The numbers in each column add up to the totals along the bottom.

The diagonal lines also add up to the totals to the right.

				24
			3	20
	6			15
0	9			13
		6	3	27
18	28	16	13	21



# Matching

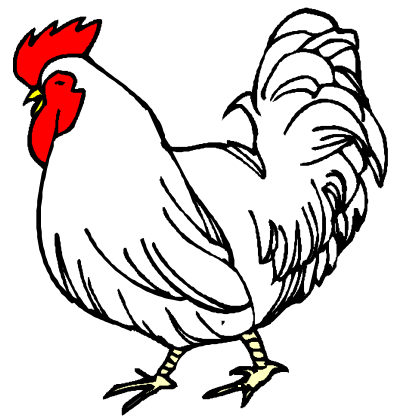
Match the products in column 1 with the animal or crop they came from in column 2. The items in column 2 may be used more than once.

## Column 1

1. Bacon\_\_\_\_\_
2. Milk\_\_\_\_\_
3. Egg\_\_\_\_\_
4. French Fries\_\_\_\_\_
5. Jelly\_\_\_\_\_
6. Ham\_\_\_\_\_
7. Wool Sweaters\_\_\_\_\_
8. Cider\_\_\_\_\_
9. Beef\_\_\_\_\_
10. Cornmeal\_\_\_\_\_
11. Ketchup\_\_\_\_\_
12. Pork Chops\_\_\_\_\_
13. Lamb Chops\_\_\_\_\_
14. Flour\_\_\_\_\_
15. Hamburger\_\_\_\_\_
16. Tater Tots\_\_\_\_\_
17. Jam\_\_\_\_\_
18. Spaghetti Sauce\_\_\_\_\_
19. Raisins\_\_\_\_\_
20. Bread\_\_\_\_\_

## Column 2

- A. Cow
- B. Corn
- C. Sheep
- D. Tomatoes
- E. Wheat
- F. Grapes
- G. Pig
- H. Chicken
- I. Potatoes
- J. Apples
- K. Strawberries





# Word Search



H E I F E R R F F G Z N B S T R K W S Y L E C D W U T M E H  
 F P C I A E O G P C Z E F K Z O I Q T O S A S R L U N J Z A  
 M Y V R L N Y Y M W V G S H L T D F A J T N D R O S C Z N P  
 V F L I V H E T I C B G E F F A O J T F N X A R O Y C B M P  
 W R O N O G N G H L U S E M K R C Z I I S G T E C H L R A L  
 L R A G R L S T X H Y D R R B E Z S S T Y Y M O B B R Z H E  
 B J Z B L Q Q I C K B D Y T Y P H A T V M R M K Z Y H X B S  
 N R Z U B J J Z T H B Q Q E X O W W I Z I M L Y S O O T K F  
 L E B A Z I S R S N I N M Q A M V I C H O C X M O G T S X J  
 L A J X O U T Z T U R K E Y S B E E S D T A O G K G L N T N  
 V H D M Y H A O N F Q F O E D Z D F I E X I Z G V W I I Q G  
 B D A B D Y Y G N H Q I C N O F V T F O N K I Y O I G H B A  
 P M R E M N Y U R X B S L O M Q Y Q Q D E V V R P M Q B N O  
 I L I E F H S R N I O M M H T H K Z T E H U R W E K D T T W  
 Z Z B L M E I H L W C L A O V K W P B U T A A T A G Y A M E  
 C B F S K R P M H G B U Q L M G D G I V B I B T C Z R Z T D  
 Z B M D R B A E L U M R L Y L K N V V H T Z L H H F O U B K  
 K B C I C E A F S X M Y W T F E C R G A W R T B E S Q I A Y  
 V I L Q F T U I N J K O S G U O E A F I Y W A J S F X F D U  
 K X R H N Z O N S Z A Z T S J R P G N L J N M C A S H S B P  
 S I Y A O T A A F D V V L R Z G E M U G B Q W R T J S Y H M  
 P E E H S P A I T Y M Q E T S M O O R H S U M C Z O Q E U A  
 D V M N Q W C P P O K P G E K S V R I L D L B R O I R I L V  
 T M Y R O N N B J H A K Z V Q I G D O D B D J K C O R N O Y  
 E S U D K V F Q R Z B N Y L H L V I G T H T N N Q D S Y I J  
 R X L Y I E L D T E R Z U J K C X E Y U A M D X S N A E Q L  
 S U S N E C R V T D Z B U A M D X U C Z R T N Z G P O V F R  
 D R X R I T B L S Z N T X I C C L M V D A A O A N M N R G R  
 T Y R H I W X Y T U Y T P R H O R D L B S I D J T R A U D H  
 S K B Q K X S K H C B Y E D E K W T U D U B W H J H N S S J

## AGRICULTURE

APPLES  
 BARROW  
 BEES  
 BROILER  
 BULL  
 CATFISH  
 CENSUS  
 COMMODITY  
 CORN  
 COW  
 EGGS

## FARM

FARMER  
 GILT  
 GOAT  
 HEIFER  
 HOG  
 HONEY  
 HORSE  
 KID  
 LAMB  
 MILK  
 MUSHROOMS

## OPERATOR

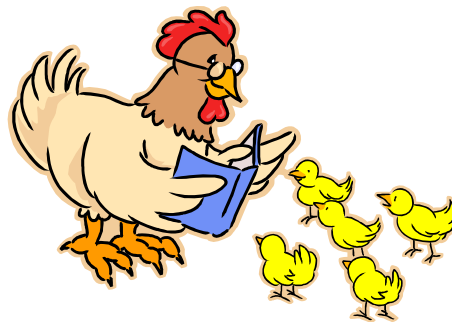
PEACHES  
 RABBIT  
 SHEEP  
 SOYBEANS  
 STATISTICS  
 SURVEY  
 TRACTOR  
 TROUT  
 TURKEYS  
 WHEAT

# Barnyard Babies

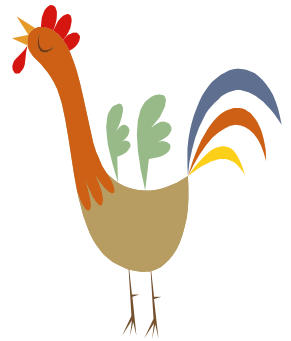


Here are some baby farm animals. Match them with their parents.  
Use a dictionary if you must.

1. A PULLET is a young \_\_\_\_\_.
  2. A LAMB is a young \_\_\_\_\_.
  3. A FOAL is a baby \_\_\_\_\_.
  4. A GOSLING is a baby \_\_\_\_\_.
  5. A CALF is a baby \_\_\_\_\_.
  6. A DUCKLING is a baby \_\_\_\_\_.
  7. A KID is a baby \_\_\_\_\_.
  8. A PIGLET is a baby \_\_\_\_\_.
  9. A KIT is a baby \_\_\_\_\_.
  10. A POULT is a young \_\_\_\_\_.
- a) GOOSE
  - b) GOAT
  - c) RABBIT
  - d) HOG
  - e) CHICKEN
  - f) HORSE
  - g) TURKEY
  - h) SHEEP
  - i) DUCK
  - j) COW



# West Virginia Farm Quiz



1. WHAT IS WEST VIRGINIA'S LEADING AGRICULTURAL PRODUCT?

- a. Apples
- b. Broilers
- c. Pigs
- d. Strawberries

2. WHAT PERCENT OF THE STATE'S LAND IS FARMLAND?

- a. 24
- b. 76
- c. 85
- d. 54

3. WEST VIRGINIA RANKS AROUND \_\_\_\_\_ IN THE NATION IN APPLE PRODUCTION.

- a. second
- b. sixth
- c. sixteenth
- d. tenth

4. APPROXIMATELY HOW MANY FARMS DOES WEST VIRGINIA HAVE?

- a. 32,000
- b. 49,000
- c. 23,000
- d. 18,000



**5. HOW BIG IS THE AVERAGE FARM IN WEST VIRGINIA?**

- a. 160 acres
- b. 200 acres
- c. 350 acres
- d. 130 acres



**6. HOW MANY CATTLE AND CALVES ARE GRAZING ON FARMS IN WEST VIRGINIA EACH YEAR?**

- a. 100,000
- b. 200,000
- c. 300,000
- d. 400,000

**7. WEST VIRGINIA RANKS \_\_\_\_\_ IN TURKEYS PRODUCED.**

- a. fourteenth
- b. fifth
- c. twentieth
- d. eleventh

**8. WHICH OF THE FOLLOWING IS NOT A BREED OF CATTLE?**

- a. Angus
- b. Leghorn
- c. Holstein
- d. Hereford

**9. WHAT COUNTY IN WEST VIRGINIA LEADS THE STATE IN WHEAT PRODUCTION?**

- a. Summers
- b. Jefferson
- c. Grant
- d. Berkeley

**10. WHAT TYPE OF FISH DO WEST VIRGINIA FISH FARMERS SELL?**

- a. Salmon
- b. Bass
- c. Swordfish
- d. Trout



# Taking a Survey



A survey is a count. The West Virginia Agricultural Statistics Service counts livestock (cows, pigs, sheep, goats, chickens) and crops (corn, soybeans, wheat, hay, fruit, vegetables).

A survey answers big questions that are used by many people including farmers. Taking surveys is an important job, and so is filling them out!

We need counts of livestock and crops. Can you count the livestock and crops on the map?

## Livestock

How many cows do you see? \_\_\_\_\_

How many goats do you see? \_\_\_\_\_

How many sheep do you see? \_\_\_\_\_

How many pigs do you see? \_\_\_\_\_

How many chickens do you see? \_\_\_\_\_

## Crops

How many peaches do you see? \_\_\_\_\_

How many apples do you see? \_\_\_\_\_

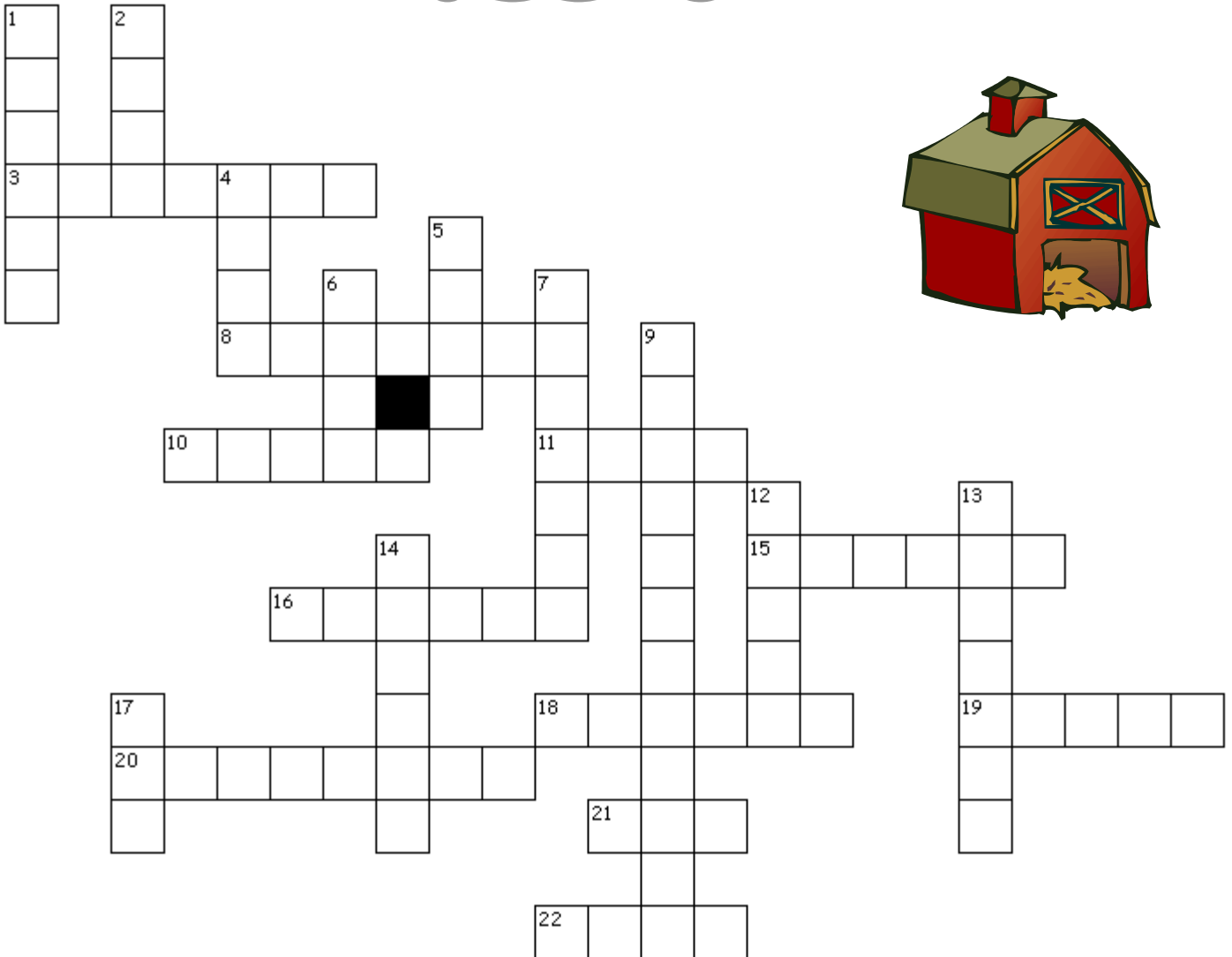
How many ears of corn do you see? \_\_\_\_\_

How many bales of hay do you see? \_\_\_\_\_

How many heads of wheat do you see? \_\_\_\_\_



# CROSSWORD PUZZLE



## Across

3. Type of hay.
8. A type of chicken raised for meat.
10. Where crops grow.
11. \_\_\_\_\_ on the cob.
15. A baby pig.
16. Who grows all your food?
18. Gobble! Gobble!
19. Bees make this.
20. Cold treat that comes from milk.
21. Oink! Oink!
22. Short for National Agricultural Statistics Service?

## Down

1. Ketchup is made from this.
2. A baby cow or bull.
4. Mary had a little \_\_\_\_\_.
5. Drink with lots of calcium.
6. A baby horse.
7. What a farmer rides.
9. Makes good jam.
12. West Virginia's #1 fruit.
13. West Virginia's #2 fruit crop.
14. Raisins are made from this.
17. Baby goat.

# Agriculture Scramble



Unscramble each word and place the letter inside the box with the number in the matching box below to reveal the phrase.

RBNADRAY            
14

RAETUPS         
6

MEODAW         
11

TESRAM          
8

NOPD       
13

TELTAC           
5 15 7

SEEPH         
16

NIECSKHC              
12

RYSKUET             
9 3

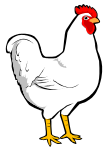
TOGSA         
2 1

HESROS          
10

SIBTABR             
4

1 2 3 4 5 6 7 8 9 10 11

12 13 6 14 15 16



# MATH RIDDLE

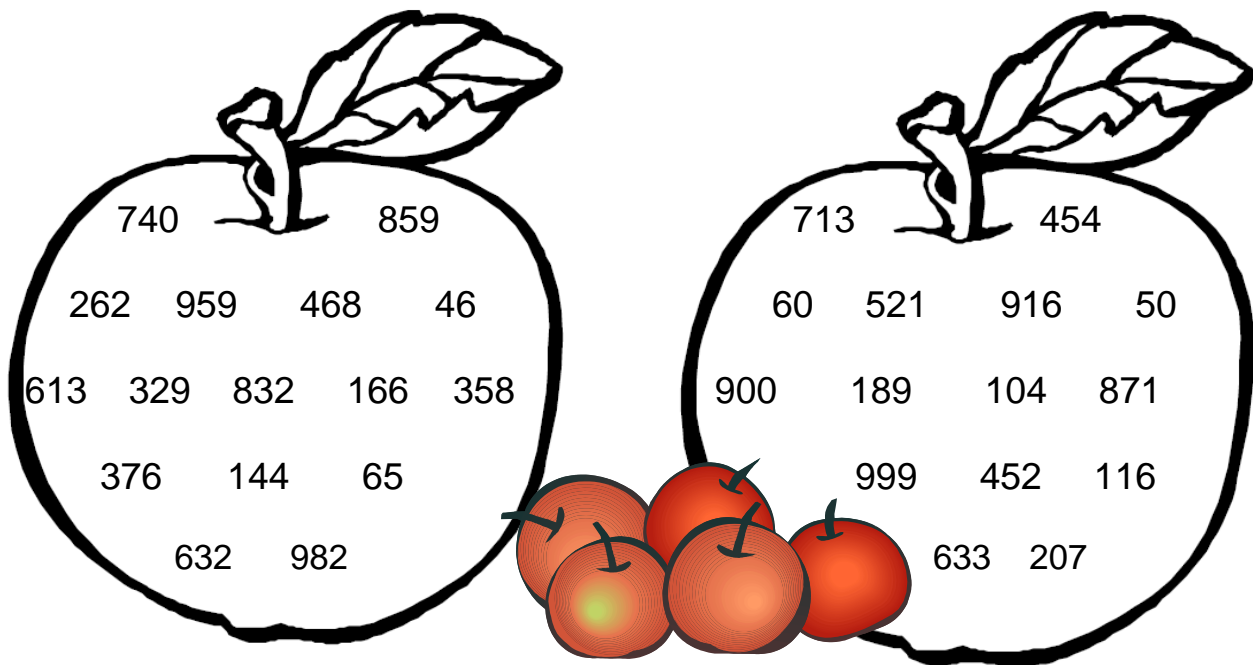
Write the sum or difference of each of the equations below and cross off each answer in the apples. The number that remains is the answer to the riddle.

## Riddle

How many pounds of apples does the average American eat in a year?

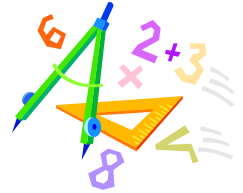
Answer: \_\_\_\_\_

$233 + 125 =$ _____	$739 - 363 =$ _____	$987 - 128 =$ _____
$849 - 136 =$ _____	$324 + 197 =$ _____	$589 - 327 =$ _____
$133 + 321 =$ _____	$731 - 587 =$ _____	$598 + 302 =$ _____
$250 - 134 =$ _____	$867 - 234 =$ _____	$633 - 444 =$ _____
$345 + 123 =$ _____	$659 + 257 =$ _____	$454 - 350 =$ _____
$511 + 321 =$ _____	$278 + 335 =$ _____	$563 + 436 =$ _____
$615 + 125 =$ _____	$375 - 329 =$ _____	$613 + 258 =$ _____
$453 - 124 =$ _____	$898 - 838 =$ _____	$596 - 144 =$ _____
$323 - 157 =$ _____	$776 + 183 =$ _____	$247 + 385 =$ _____
$628 + 354 =$ _____	$556 - 491 =$ _____	$395 - 188 =$ _____





# MATH SQUARE



Try to fill in the missing numbers.

Use numbers 1 through 9 to complete the equations. Each number is only used once. Each row is a math equation. Each column is a math equation. Remember that multiplication and division are performed before addition and subtraction.

	x		+		29
÷		x		x	
	-		+		1
+		+		-	
	-		-		-11
3		51		26	

# Kids Jokes

Q: What runs around a farm but doesn't move?

A: A fence.

Q: Why do cows have bells?

A: Because their horns don't work.

Q: Why were the little strawberries upset?

A: Because their parents were in a jam.

Q: Why are skunks always arguing?

A: Because they like to raise a stink.

Q: What did the apple tree say to the farmer?

A: Quit picking on me!

Q: What do you get from a pampered cow?

A: Spoiled milk.

Q: What do you call a cow with no legs?

A: Ground beef.

Q: What do you call a cow that can't give milk?

A: An udder failure.

Q: What do you call a cow that just had a calf?

A: Decalf-enated!

Q: Why was the sheep arrested on the freeway?

A: Because she did a ewe turn.

Q: Why should you never tell a pig a secret?

A: Because they love to squeal.

Q: Why did the foal cough?

A: Because it was a little horse.

Q: What do you call a chicken with a bad sunburn?

A: A fried chicken.

# Solutions

## Farm Scramble

- Tractor
- Farmer
- Hay
- Horse
- Apple
- Barn
- Chicken
- Turkey
- Livestock
- Wheat
- Grapes
- Silo

## Apple Riddle

M   A   K   E  
 1014 591 1171 170  
A   P   P   L   E -  
 591 178 178 1057 170  
S   A   U   C   E  
 826 591 457 435 170

## Number Block

				24
9	4	4	3	20
0	6	3	6	15
0	9	3	1	13
9	9	6	3	27
18	28	16	13	21

## Matching

1. G
2. A
3. H
4. I
5. F, J, K
6. G
7. C
8. J
9. A
10. B
11. D
12. G
13. C
14. E
15. A
16. I
17. F, J, K
18. D
19. F
20. B, E

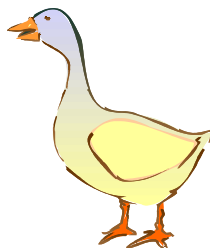
## Word Search

```

H E I F E R R + + + + + R K + S + + E C + + + T + + +
+ + + + + E + + + + + E + + + O I + T + S A S + + + U + + + A
+ + + + + L + + + + + G + + + T D + A + T N + R O + + + + P
+ + + I + H + + + + + G + + + A + + T F + + A R O + + + + P
+ R O + O + + + + + S + + + R + + I + + + T E C H + + + L
+ R A G + L + + + + + + + + E + S S + + + + O B + + + + E
B + + B L + + + + + + + + P H + T + + + M + + Y + + + S
+ + + U B + + + + + + + + + O + + I + + M + + + + O + + +
+ + B + + I + + + + + + + + + C + O + + + + + T S + +
+ + + + + T + T U R K E Y S B E E S D T A O G + + L + + +
+ + + + + A + + + + + E + + + + I + + + + + W I + + +
+ + + + + G + + + + + N + + + T + + + + + O + G + + +
+ M R + + + + R + B + + + + O + + Y + + + + + R P + + + +
+ + I E + + + + I + M + H + + + + + + R + E + + + +
+ + + L M + + + + W C + A + + + + + + A + + A + + + +
+ + + + K R + + H + + U + L + + + + + B + + + C + + + +
+ + + + + A E + + + + L + + + + + T + + + H + + + +
+ + + + + A F + + + + + T + + + + + + R + + E + + + +
+ + + + + T + + + + + + U + + + + + + A + S F + + + +
+ + + + + + + + + + + + R + + + + + + C A + + + + +
+ + + + + + + + + + + + + E + + + + + + R T + + + + +
P E E H S + + + + + + + S M O O R H S U M + + O + + + +
+ + + + + + + + + + + + + + + + + + + + + + R + + +
+ + + + + + + + + + + + + + + + + + + + + + C O R N + +
+ + + + + + + + + + + + + + + + + + + + + + Y + +
+ + + + + + + + + + + + + + + + + + + + + + E + +
S U S N E C + + + + + + + + + + + + + + + + + + V + +
+ + + + + + + + + + + + + C + + + + + + + + + + R + +
+ + + + + + + + + + + + + O + + + + + + + + + + U + +
+ + + + + + + + + + + + + + + + + + W + + + + + + S + +
  
```

## Barnyard Babies

1. E
2. H
3. F
4. A
5. J
6. I
7. B
8. D
9. C
10. G



## West Virginia Farm Quiz

1. B
2. A
3. D
4. C
5. A
6. D
7. A
8. B
9. B
10. D

# Taking a Survey

## Livestock

How many cows do you see? 4  
 How many goats do you see? 2  
 How many sheep do you see? 2  
 How many pigs do you see? 3  
 How many chickens do you see? 3

## Crops

How many peaches do you see? 3  
 How many apples do you see? 6  
 How many ears of corn do you see? 4  
 How many bales of hay do you see? 3  
 How many heads of wheat do you see? 4

## Crossword Puzzle

### Across

3. ALFALFA  
 8. BROILER  
 10. FIELD  
 11. CORN  
 15. PIGLET  
 16. FARMER  
 18. TURKEY  
 19. HONEY  
 20. ICECREAM  
 21. PIG  
 22. NASS

### Down

1. TOMATO  
 2. CALF  
 4. LAMB  
 5. MILK  
 6. FOAL  
 7. TRACTOR  
 9. STRAWBERRIES  
 12. APPLE  
 13. PEACHES  
 14. GRAPES  
 17. KID

## Agriculture Scramble

Barnyard  
 Pasture  
 Meadow  
 Stream  
 Pond  
 Cattle  
 Sheep  
 Chickens  
 Turkeys  
 Goats  
 Horses  
 Rabbits

AGRICULTURE COUNTS

## Math Riddle

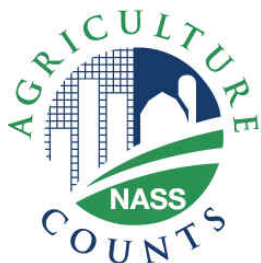
Answer: 50

358	376	859
713	521	262
454	144	900
116	633	189
468	916	104
832	613	999
740	46	871
329	60	452
166	959	632
982	65	207

## Math Square

4	x	6	+	5
÷		x		x
2	-	8	+	7
+		+		-
1	-	3	-	9





A Cooperative Function of  
West Virginia Department of Agriculture  
Gus R. Douglass, Commissioner  
and  
United States Department of Agriculture  
National Agricultural Statistics Service  
Dr. Cynthia Clark, Administrator  
\*\*\*\*\*

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