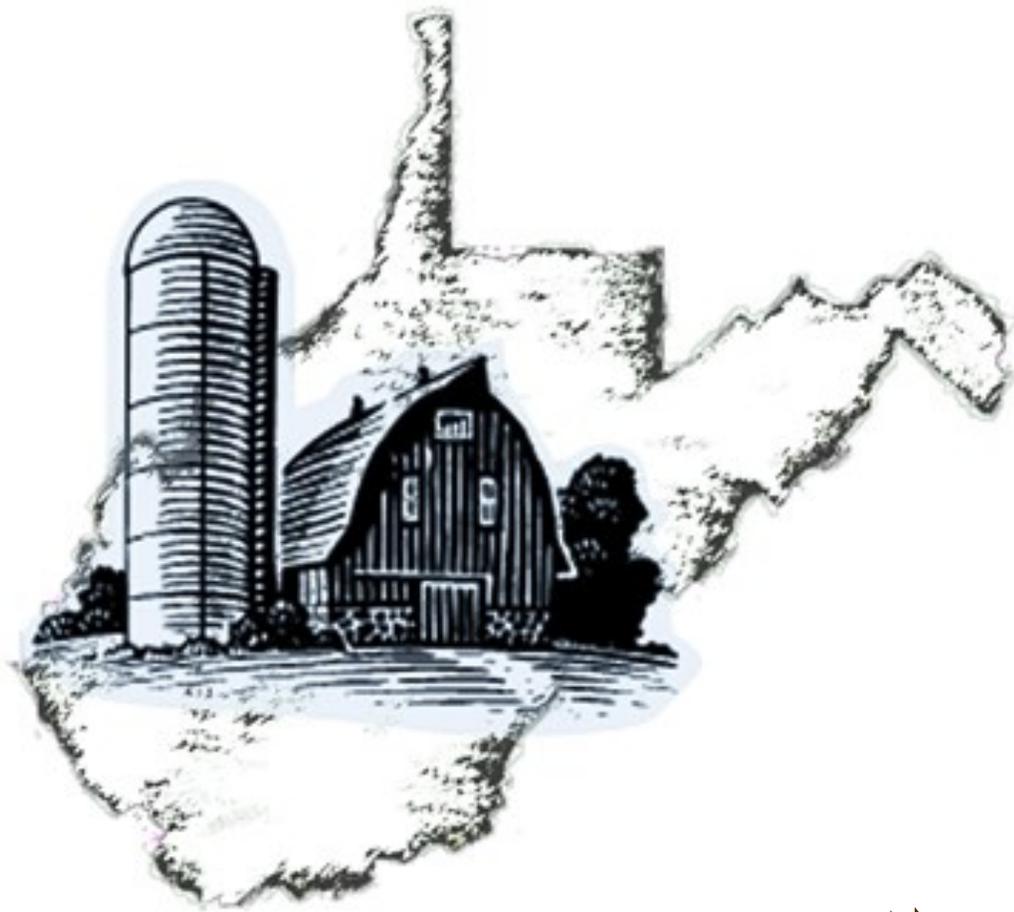


West Virginia Farm Fun



Dear Boys and Girls,

West Virginia Farmers and their families produce 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. Some of these farmers have dairy cows, which provide milk for us, some have sheep which provide wool, some raise chickens which provide our eggs, and many more care for other kinds of farm animals we enjoy.

By working on the West Virginia Farm Fun activity book 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 and puzzles, or to learn more about agriculture in West Virginia, visit the following websites (with your parent's permission, of course):

<http://www.ars.usda.gov/is/kids/>

<http://www.agclassroom.org/kids>

If you have a question, please feel free to send it to us via email at:

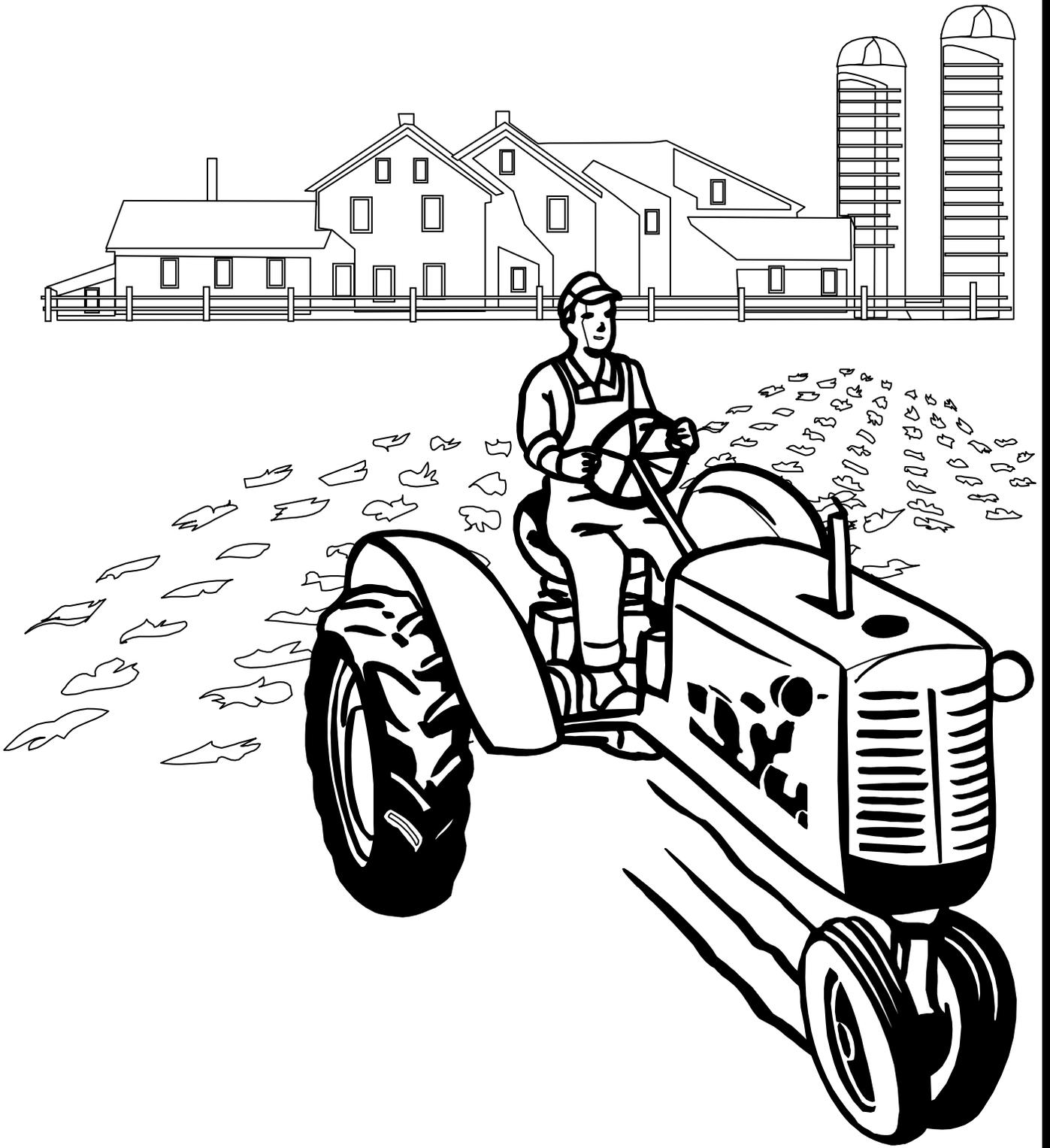
nass-wv@nass.usda.gov

Sincerely,

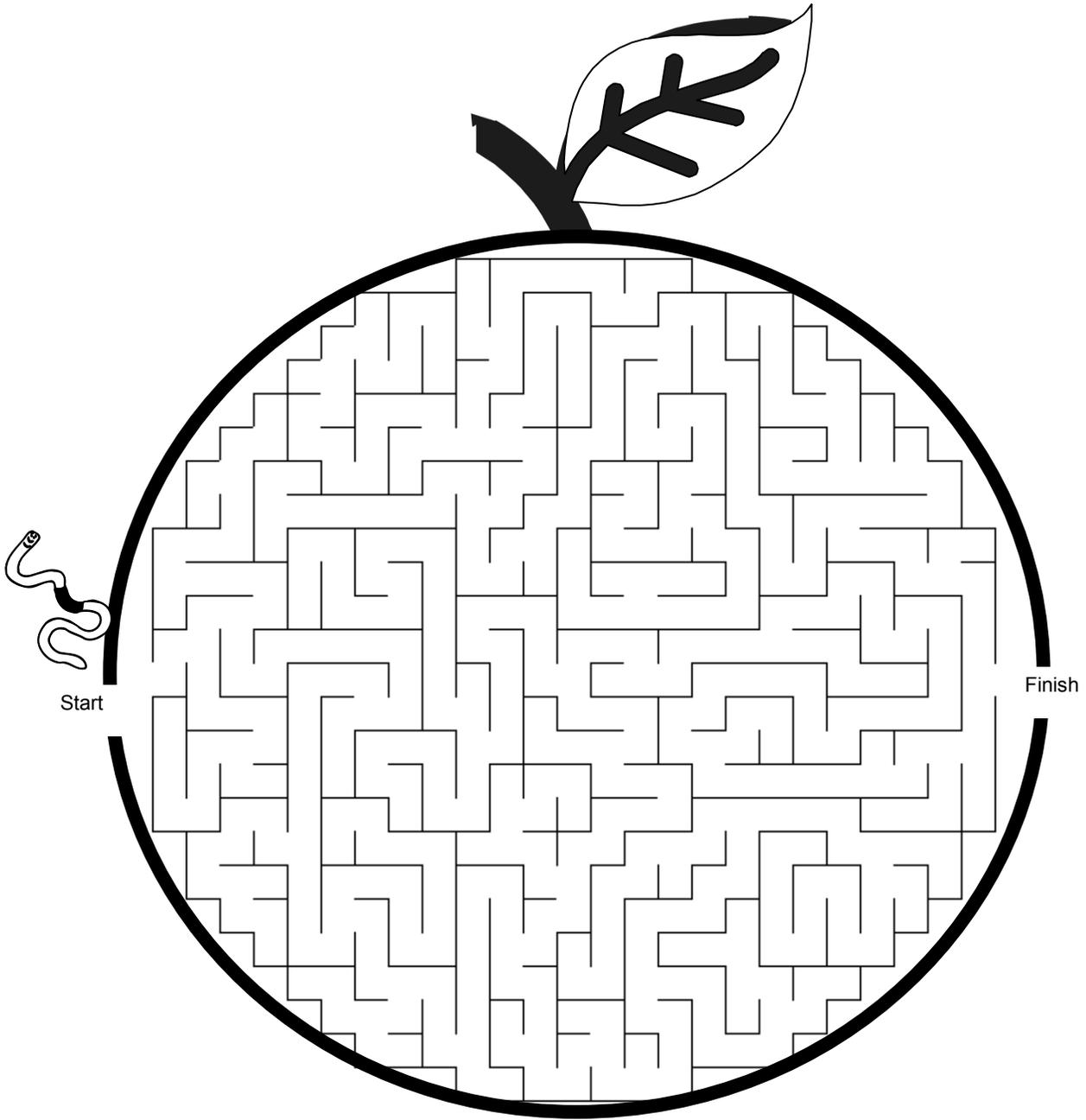
Charmaine Wilson

State Statistician





An Apple A Day

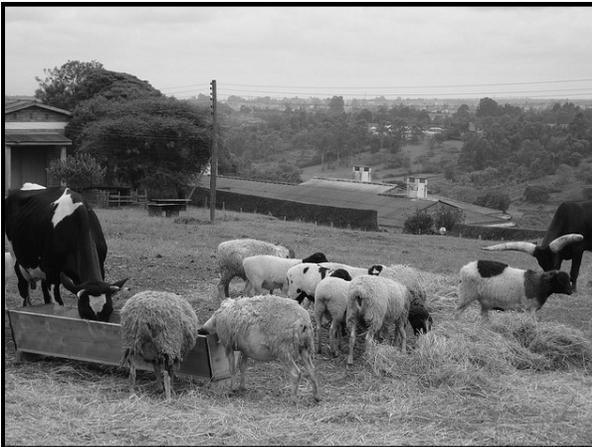


Is it a farm?

The USDA defines a farm as any operation that produces and sells, or could sell, at least \$1000 worth of agricultural production in one year. Farms vary by size, location, and specialty. The pictures below represent just some of the varying types of farms that produce the food you eat every day.

In the space provided, list as many commodities you can think of that could be produced on the pictured farms.

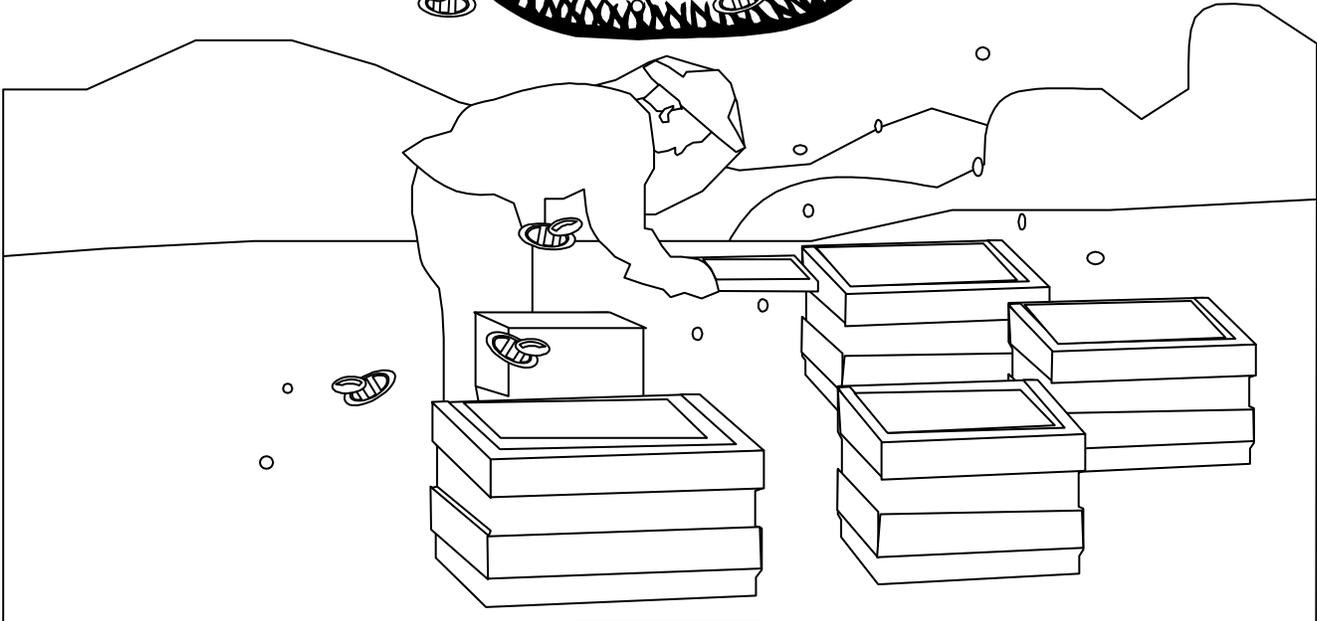
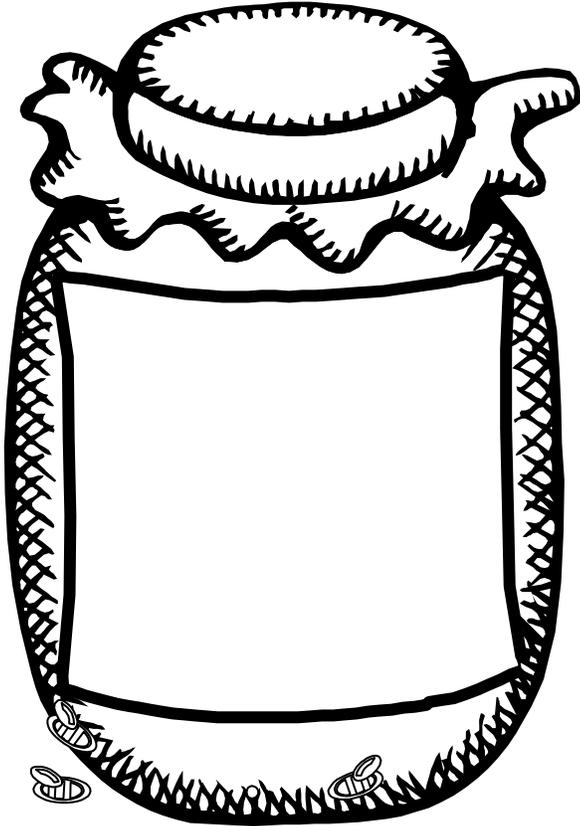




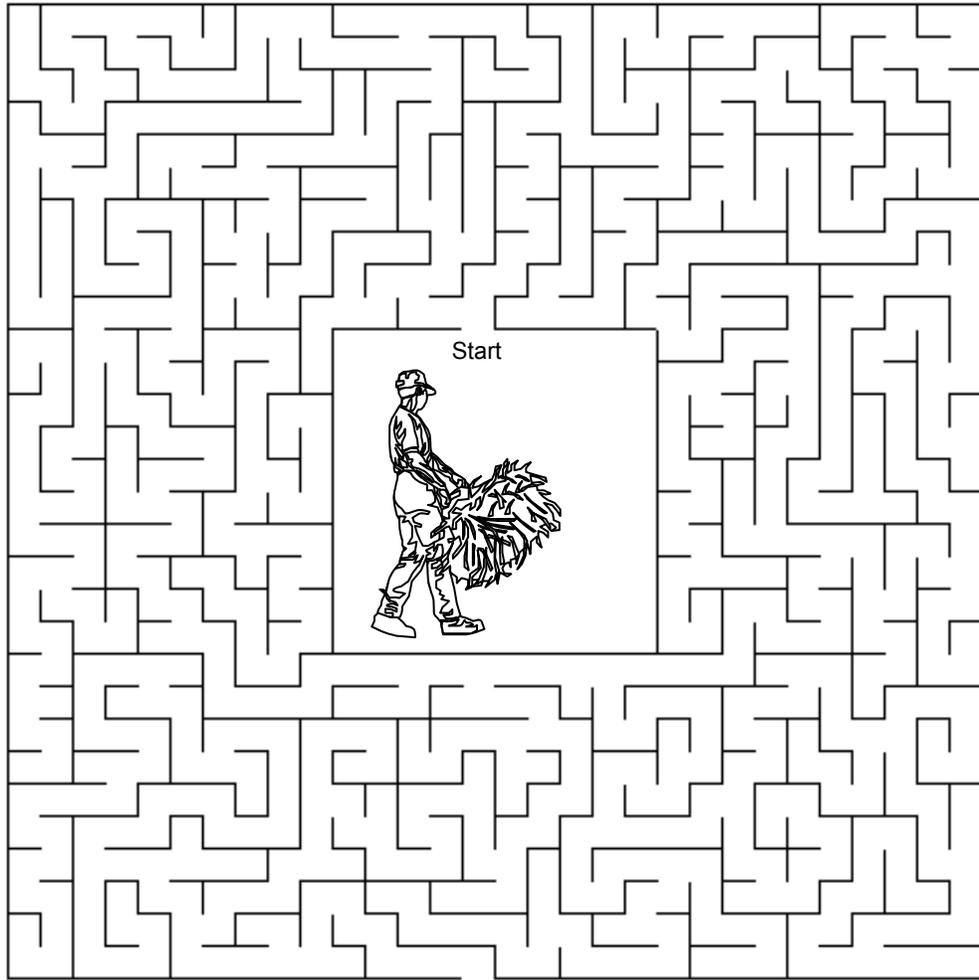


What's the Buzz About?

West Virginia produced over 186,000 pounds of honey in 2014.
Decorate the honey jar label below.



A Farmer, Outstanding in the Field.



Finish



Math Squares

	-		x		-47
x		-		x	
	+		+		8
-		x		+	
	-		-		-7
10		-31		9	

Fill in the missing numbers.

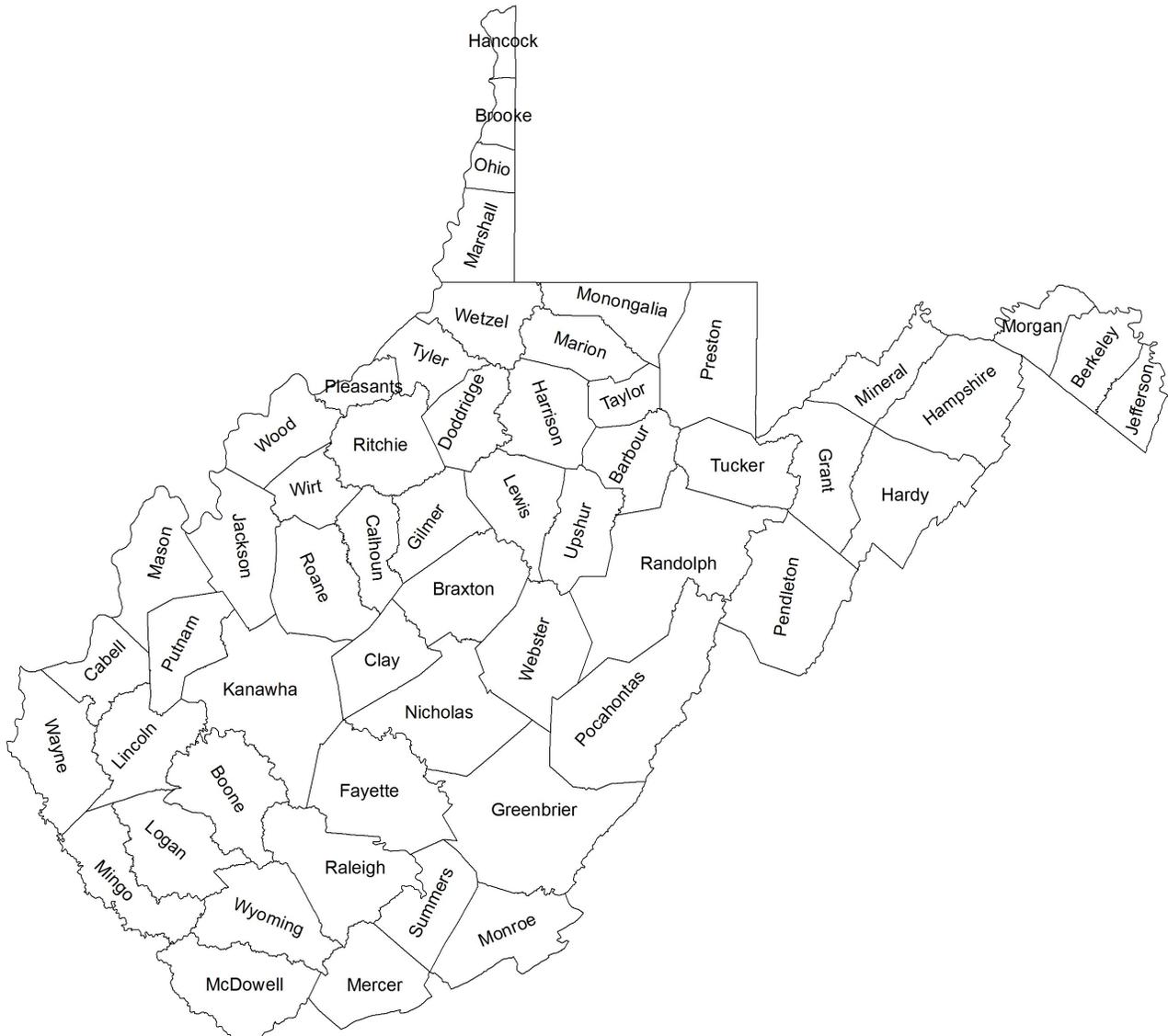
Use the numbers 1 through 9 to complete the equations.

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.**



State Colors



Time for some really tough West Virginia trivia! The official state colors of blue and gold were adopted in West Virginia's centennial year, on March 8, 1963. Color the counties in blue or gold according to the trivia questions on the following page.

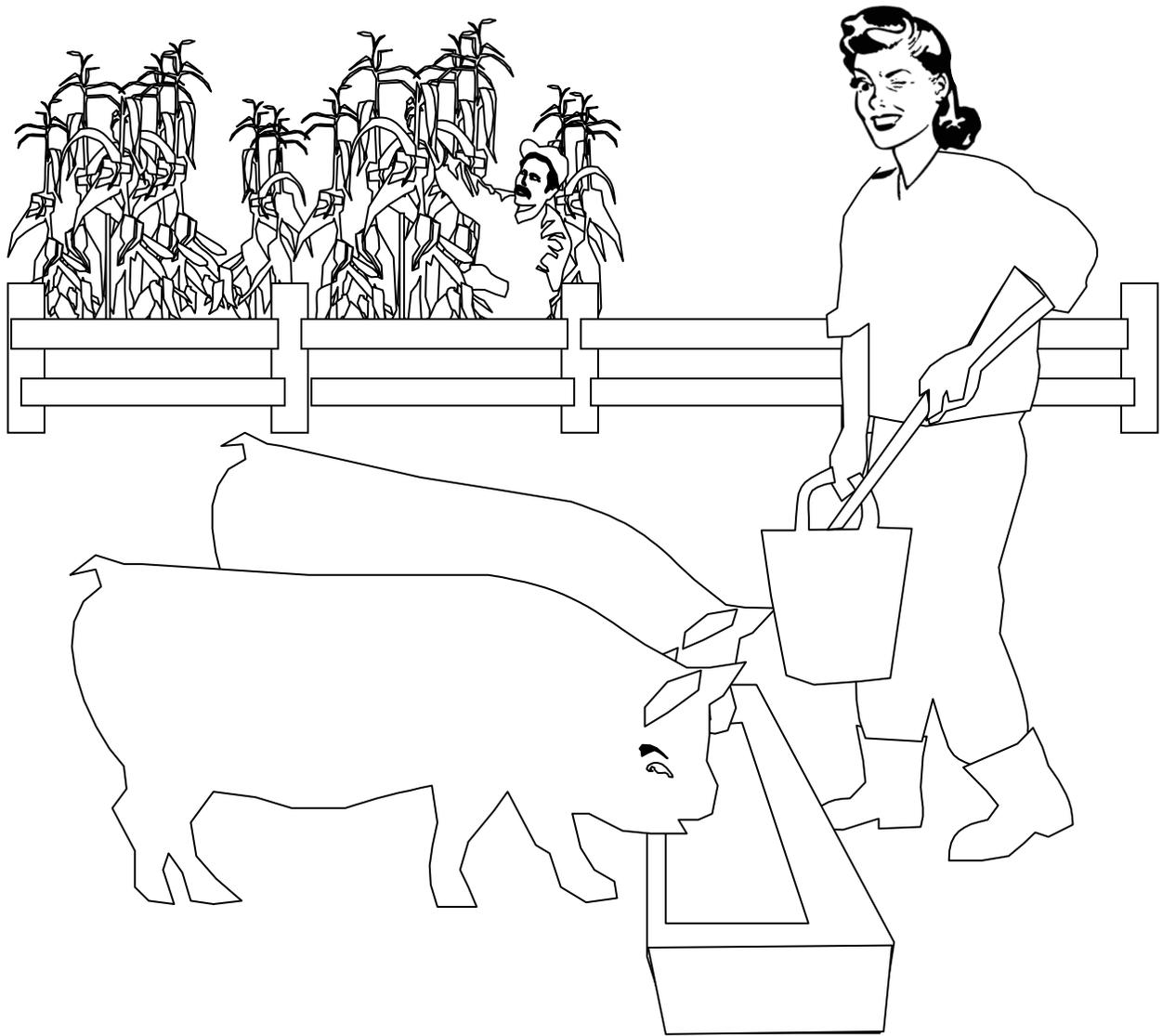
State Colors

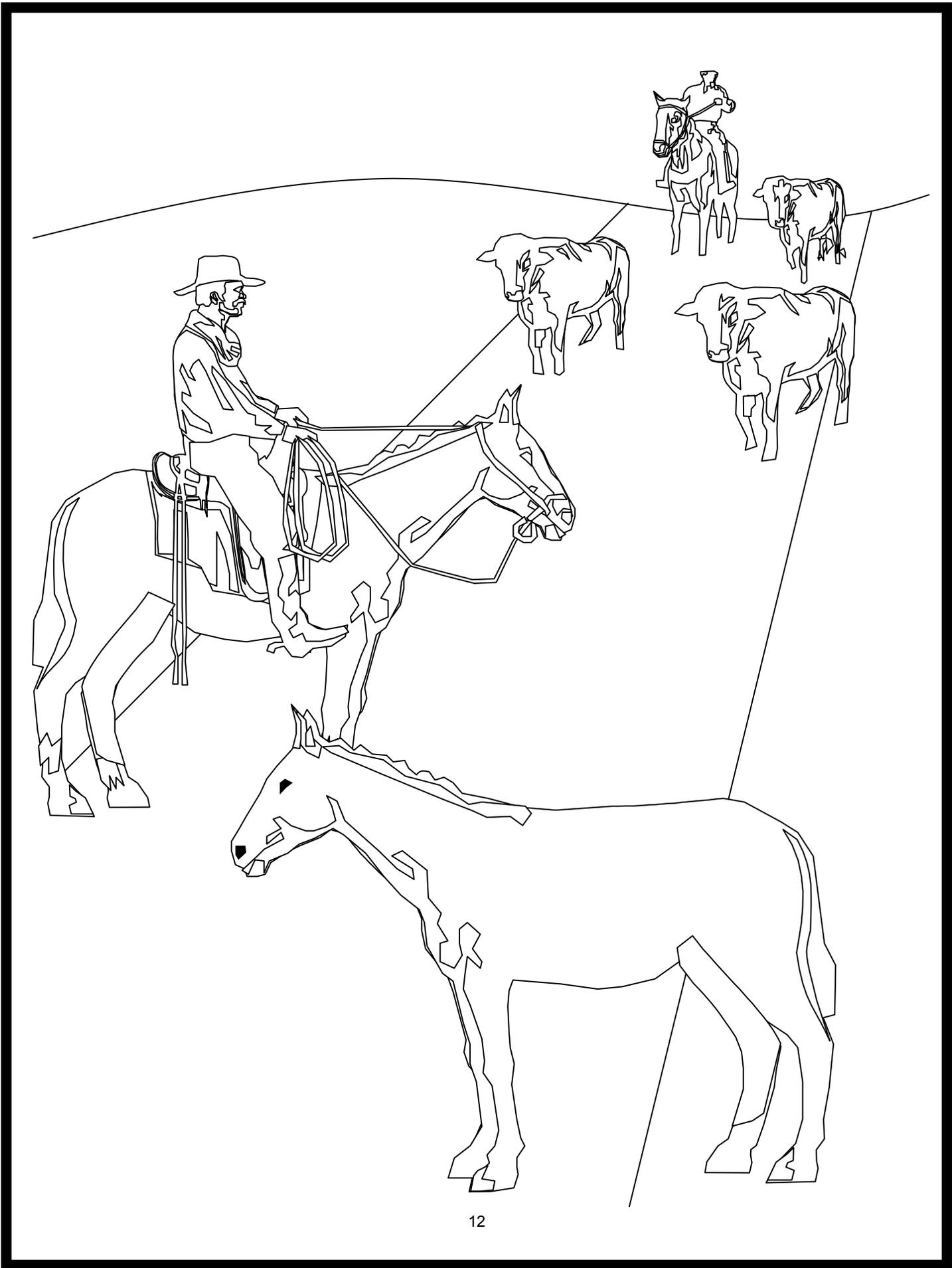
Blue

- 1 The first 4H camp took place in this county in June, 1915
- 2 The capitol of West Virginia is located in this county
- 3 For the past several years, these 5 counties have reported the highest broiler production in the state
- 4 This county raises the most cattle and hay in West Virginia
- 5 This county was named after the Marquis de Lafayette, George Washington's famed French advisor during the Revolutionary War
- 6 A town in this county, founded in 1889, was named "Kenova" as an abbreviation for the three states converging on its borders - Kentucky, Ohio, and West Virginia
- 7 Named for a great surveyor, whose first name is Daniel
- 8 Home of the only exhibition coal mine in the state
- 9 Home to the West Virginia Black Walnut Festival
- 10 Eleanor Roosevelt took a special interest in an area known as Arthurdale in this county, and it became known as Eleanor's New Deal Dream Community
- 11 Named for a Native American, famous for helping John Smith
- 12 The golden Delicious Apple variety started in this county
- 13 Named for the Mingo Indian Chief
- 14 This county has the largest manmade lake in West Virginia
- 15 Home to the state 4H conference center
- 16 The youngest county in West Virginia
- 17 Home of the Moth Man
- 18 This county's seat is also known as "The Savings Bond Capital of America"
- 19 Home to North Bend State Park
- 20 Home to the Southeastern United States World Championship Woodchopping Contest during the Webster Springs Woodchopping Festival
- 21 This county is located at the geographical center of West Virginia
- 22 Named for the 5th president of the United States
- 23 Home to the Canaan Valley Resort State Park, West Virginia's first ski resort
- 24 This county shares the name of the President who helped separate West Virginia from Virginia in 1863
- 25 This county was named for the Delaware Indian word meaning "large plains"

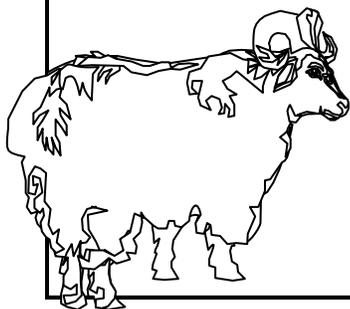
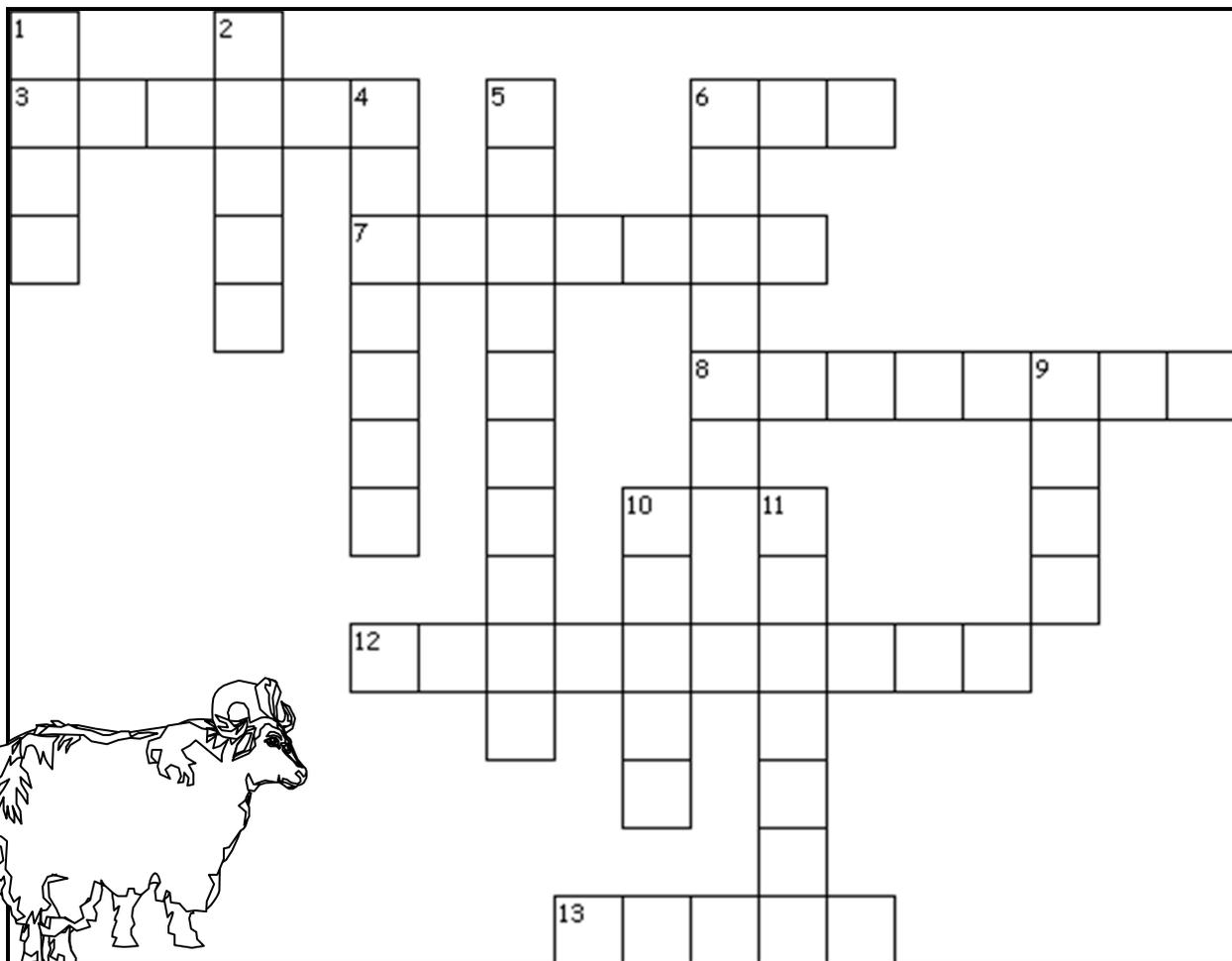
Gold

- 26 This county's 4th of July Celebration has hosted such celebrities president George W. Bush
- 27 The county's seat is home to the first municipally owned and operated parking building in the US
- 28 Elizabeth, the county seat, was named for Elizabeth Beauchamp, the wife of an early settler
- 29 Since 1988 this county's seat has enjoyed electricity provided by a local hydroelectric facility
- 30 Hollywood actor Channing Tatum attended college at Glenville State College in this county.
- 31 The strawberry festival is held in this county.
- 32 A town in this county, was named after Eleanor Roosevelt, and was the site of the first vocational technical center in West Virginia.
- 33 The world's greatest gas well, "Big Moses" was drilled here in 1894 and produces 100,000,000 cubic feet of gas per day
- 34 This county is best known as the birthplace of General Thomas J. "Stonewall" Jackson
- 35 This county was named for General Francis _____, "the Swamp Fox" of the Revolutionary War
- 36 The county seat, Huntington, is home to Marshall University. Go Herd!
- 37 The legend of John Henry takes place in this county
- 38 Site of the first major land battle of the Civil War
- 39 Second oldest county in the state and childhood home to Belle Boyde, a famous Confederate spy.
- 40 The county seat, was named for the Grave Creek Indian Mound, believed to be the largest in the world.
- 41 Birthplace of long time Congressman Robert "Bob" Homer Mollohan
- 42 A college, first established in this county in 1867, was originally named Agricultural College of West Virginia
- 43 Home of the designer the great Seal of the Coat of Arms for WV
- 44 This county's leading industrial and agricultural products are glass, sand, tomatoes, fruit and rye
- 45 Mother's Day was first observed at Andrews Church in this county's seat on May 10, 1908
- 46 Same name as a neighboring state
- 47 The first steamboat was launched in this county
- 48 Home to the West Virginia Bass Festival
- 49 This county's seat was once known as "The Marryin' Town"
- 50 The smallest county in West Virginia
- 51 Home to "Nature's Air Conditioned City" and the southern end of the West Virginia Turnpike.





Crossword



Across:

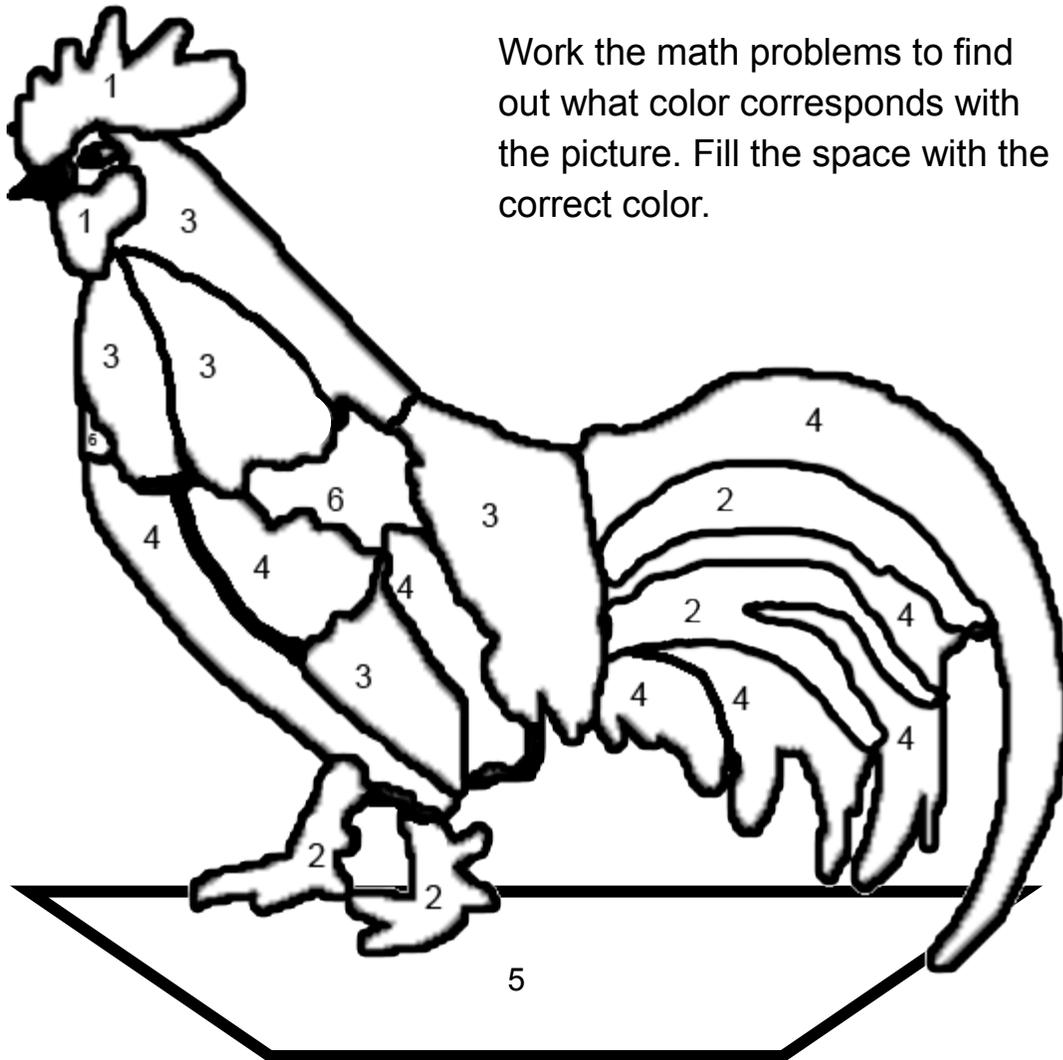
- 3. goat raised for fiber
- 6. mother of a calf
- 7. agricultural occupation
- 8. agricultural statistics service
- 12. building built to grow crops inside
- 13. farm that produces milk

Down:

- 1. baby sheep
- 2. a young turkey
- 4. a type of hay
- 5. food for plants
- 6. count of agriculture inventory
- 9. area of land measurement
- 10. made by bees
- 11. chicken raised for meat

Color By Number

Work the math problems to find out what color corresponds with the picture. Fill the space with the correct color.



$$5 - 4 = \underline{\quad} \text{ Red}$$

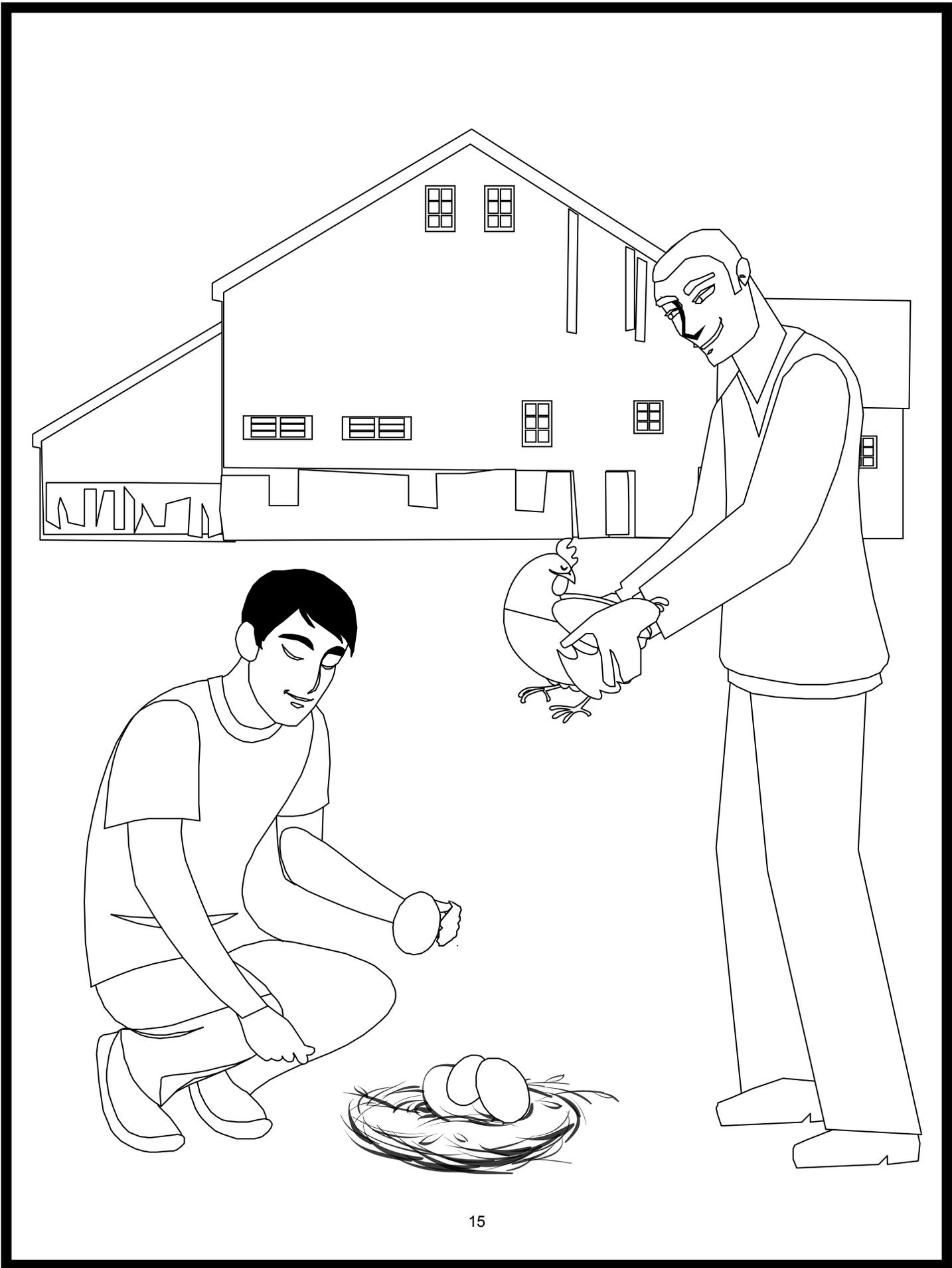
$$3 + 3 = \underline{\quad} \text{ Brown}$$

$$9 - 5 = \underline{\quad} \text{ Green}$$

$$8 - 6 = \underline{\quad} \text{ Black}$$

$$10 - 7 = \underline{\quad} \text{ Orange}$$

$$2 + 3 = \underline{\quad} \text{ Yellow}$$



Word Search

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

AGRICULTURE

FARMING

LAMB

STEER

APPLE

FOAL

PEACH

TRACTOR

BERRY

FRUIT TREE

PIG

TURKEY

BROILER

GARDEN

PIGLET

WORK HARD

BUCK

GOAT

PLOW

CATTLE

HAY

POULT

CHICKEN

HERD

RABBIT

DOE

HOG

ROOSTER

EGG

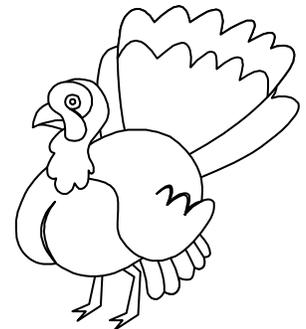
HORSE

SHEEP

FARMER

KID

SOW



Scramble

PIWOLNG

				9	5	8

RONC

		3	7

RITFU

11		12	6	

TEVBEGLEA

			1				

SAEBOYN

10					2	13	

WAHTE

		4		

			D											!
1	2	3		4	5	6	7	8	9	10	11	12	13	

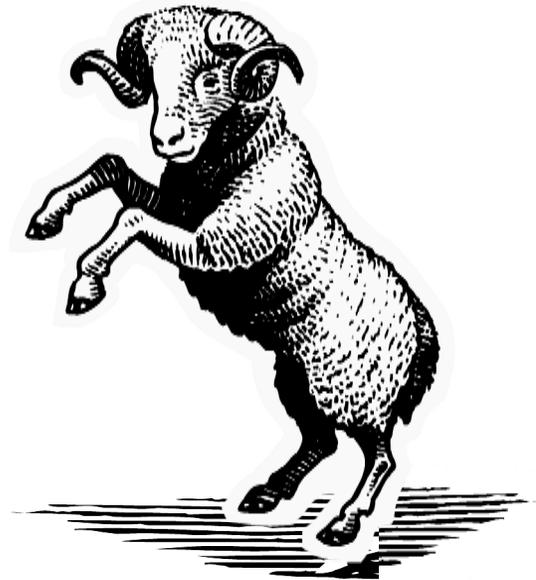
Unscramble each of the clue words.

Copy the letters in the numbered cells to corresponding cells with the same number.



West Virginia Farm Trivia

- 1) What county in WV produces the most corn for grain?
- 2) What animal is a broiler?
- 3) The highest cash receipts in WV farming come from broilers. What is the second highest?
- 4) Does WV grow more apples or peaches?
- 5) What county produces the most hay AND cattle?

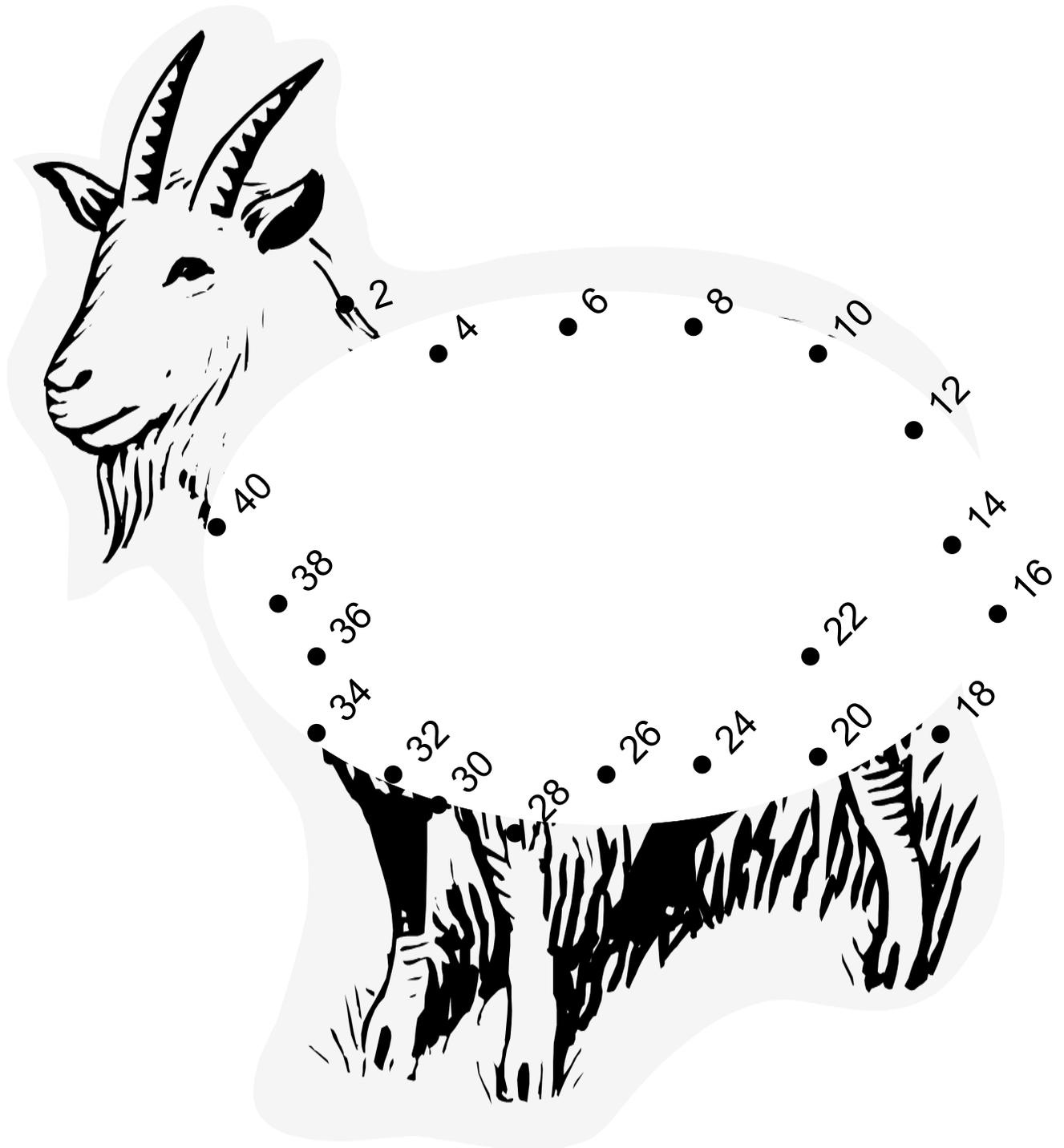


BONUS! The sheep and lamb inventory in West Virginia stood at 32,000 head in 2014, very near the all-time low inventory of 30,000 head set in 2010. This is a far cry from sheep and lamb production in the Mountain State during the 19th century. In 1885, the all-time record high for sheep and lamb inventory in West Virginia was recorded with head?

A. 150,000, B. 200,000, C. 600,000, or D. 800,000

1) Jefferson | 2) Chicken/Bird | 3) Cattle & Calves | 4) Apples | 5) Greenbrier

Connect the Dots



Despite popular myths, goats are actually very picky about what they eat.

Farm Decryption

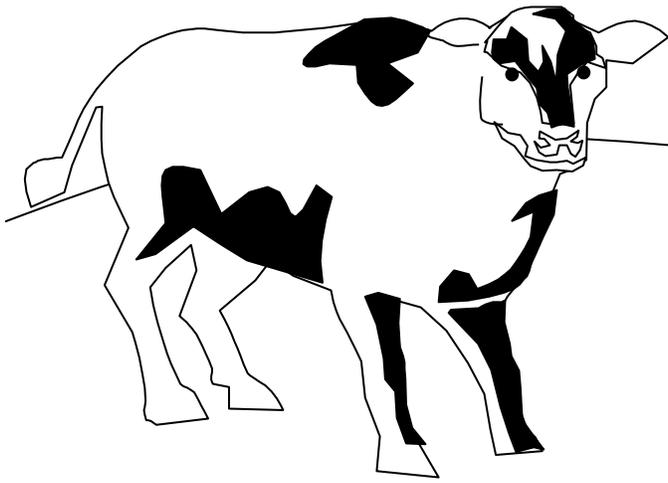
Decrypt the puzzle below by filling in the blank squares. Use the code to find the correct answer.

What do you call cattle with a sense of humor?



A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
	14	16	12	2	5	23			19		13	26	25		15	4	11	3			9	18	7	6	22

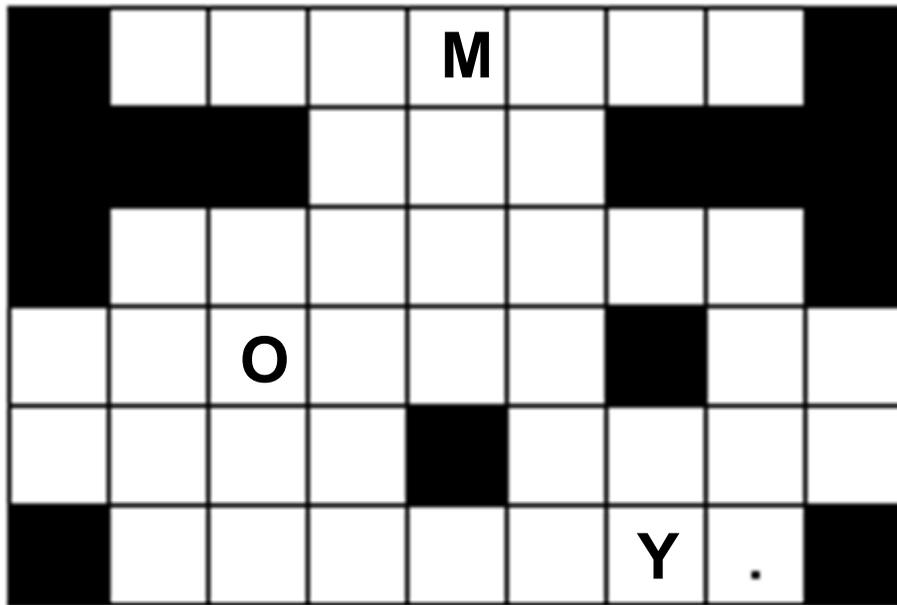
 L G N G S C
 13 17 1 23 10 21 25 23 3 20 8 16 24





Fallen Phrases

If commercial farming is growing to sell at a market,
what is subsistence farming?



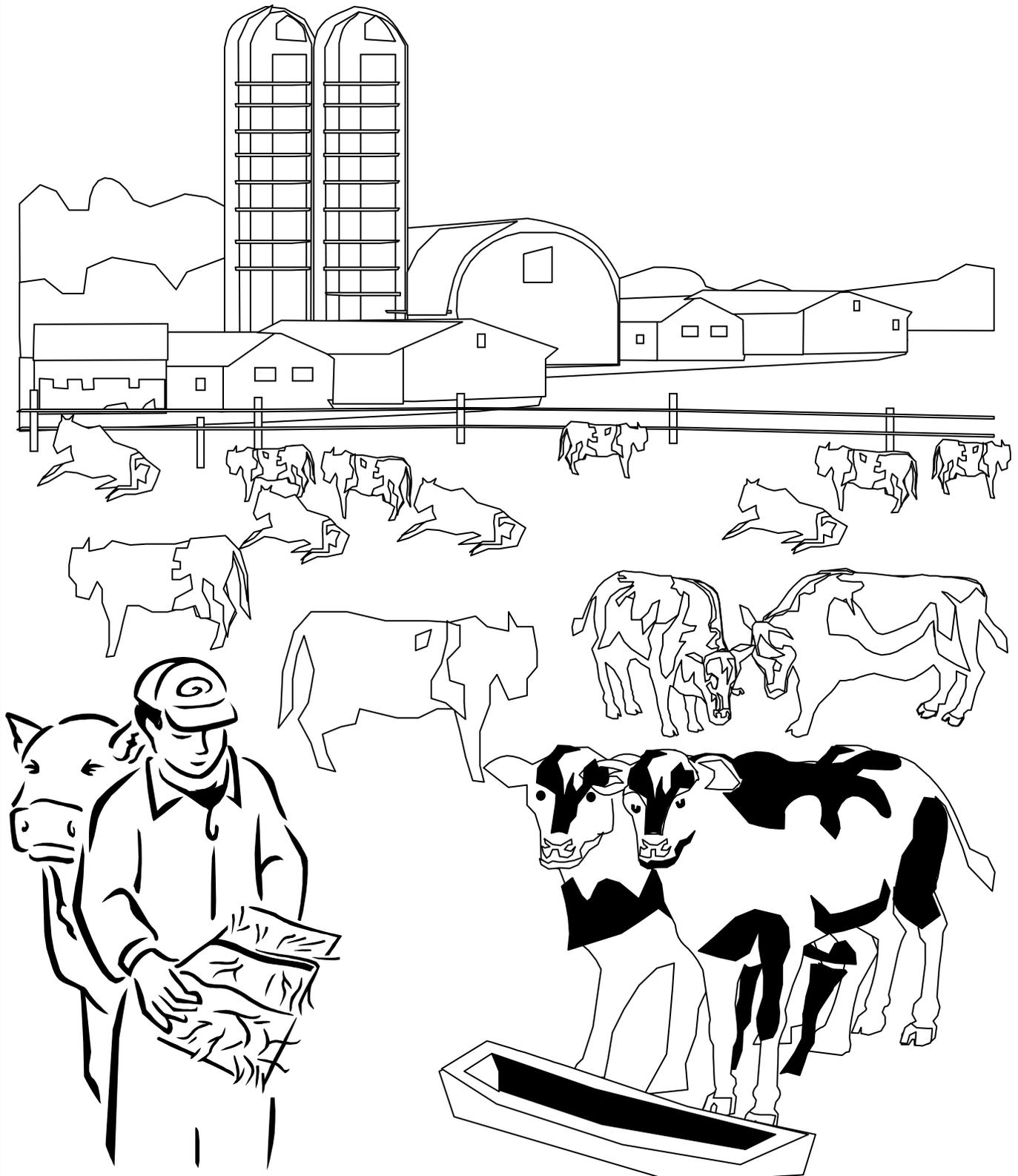
R Y
 G R A W I
 F E O I L N T
 E A M ~~M~~ H O U
 F N A U G I ~~Y~~ G R
 E F ~~O~~ D N D N G O

Oh no! The letters above have fallen straight down out of order! To find the answer, put the letters back in the correct order.

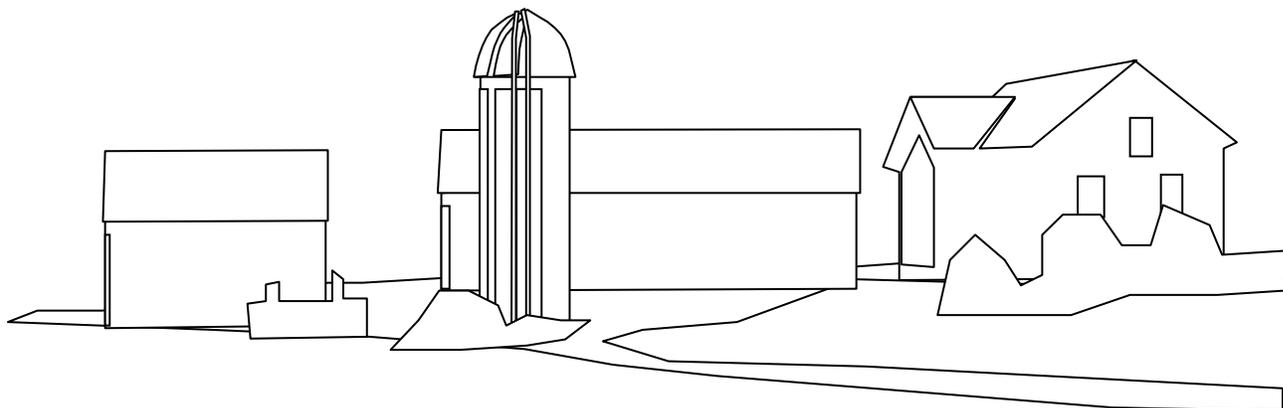
Spot the Differences



Take a Survey



Take 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) in order to answer big questions concerning what items are used by many people, including farmers! Taking a survey is an important job, and so is filling them out. We need counts of livestock and crops. Can you count the livestock and crops scattered throughout this book?

Cattle: _____

Chickens: _____

Horses: _____

Pigs: _____

Sheep: _____

Goats: _____

Corn: _____

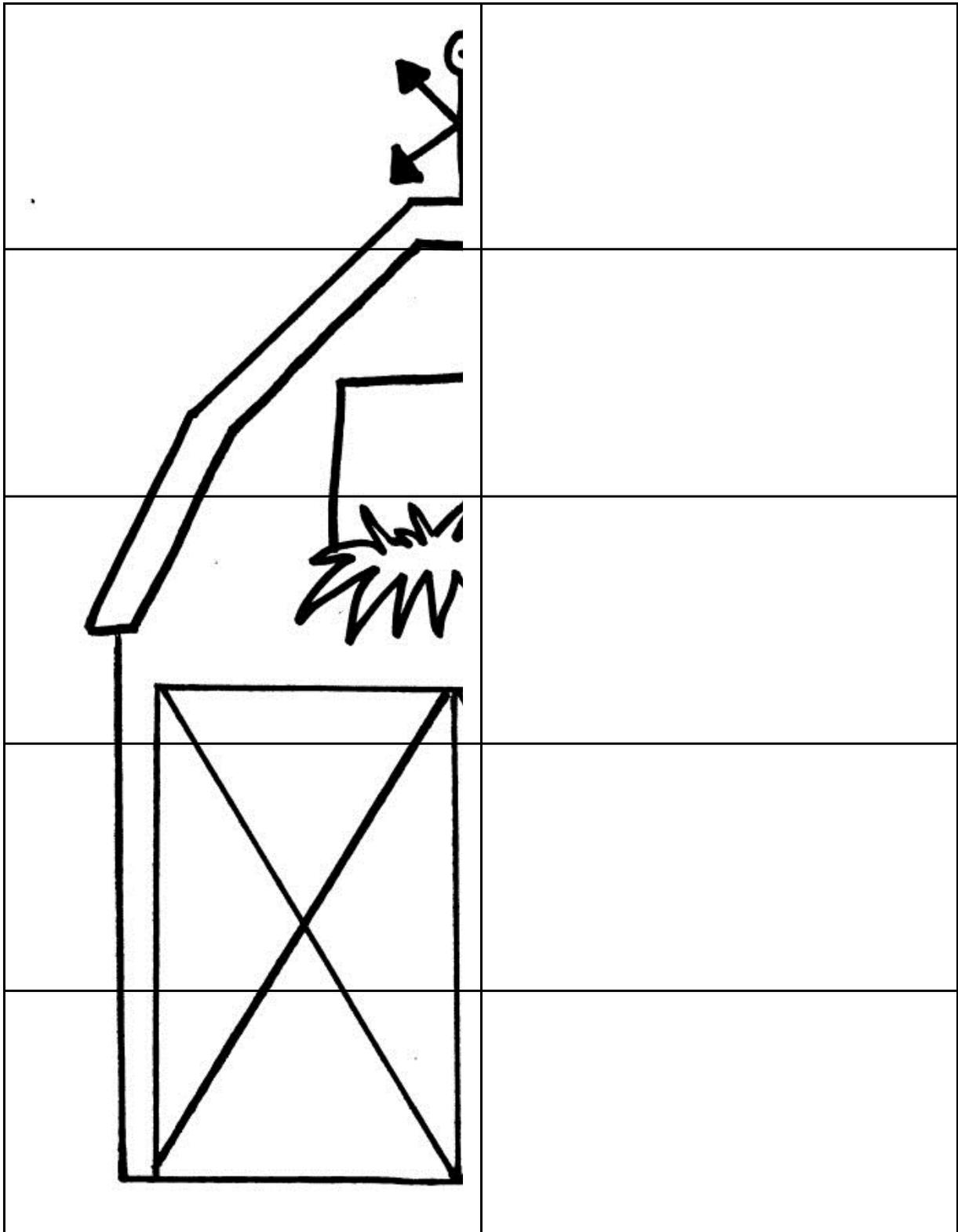
Apples: _____

Onion: _____

Lettuce: _____

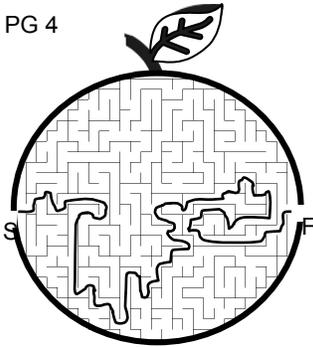


Finish the picture



Solutions 1

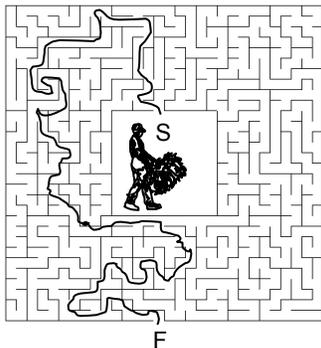
PG 4



PG 5 Examples (answers may vary)

- A) Strawberries, lettuce, broccoli, spinach, cabbage
- B) Wool, mutton, beef, milk, cheese, lamb, veal
- C) Apples, peaches, plums, almonds, fig

PG 7

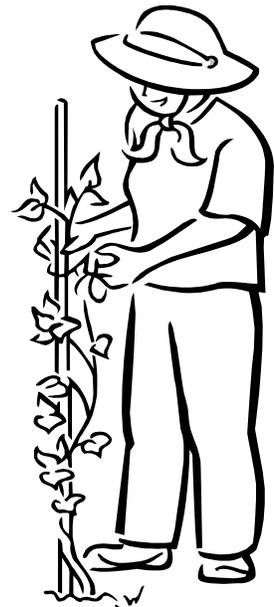


PG 8

7	-	9	X	6	-47
X		-		X	
2	+	5	+	1	8
-		X		+	
4	-	8	-	3	-7
10		-31		9	

PG 9

- | | | |
|--|-------------|---------------|
| 1 RANDOLPH | 18 WOOD | 38 BARBOUR |
| 2 KANAWHA | 19 RITCHIE | 39 BERKELEY |
| 3 HARDY, GRANT,
PENDELTON,
HAMPSHIRE,
& MINERAL | 20 WEBSTER | 40 MARSHALL |
| 4 GREENBRIER | 21 BRAXTON | 41 CALHOUN |
| 5 FAYETTE | 22 MONROE | 42 MONONGALIA |
| 6 WAYNE | 23 TUCKER | 43 DODDRIDGE |
| 7 BOONE | 24 LINCOLN | 44 MORGAN |
| 8 RALEIGH | 25 WYOMING | 45 TAYLOR |
| 9 ROANE | 26 JACKSON | 46 OHIO |
| 10 PRESTON | 27 MCDOWELL | 47 JEFFERSON |
| 11 POCAHONTAS | 28 WIRT | 48 PLEASANTS |
| 12 CLAY | 29 WETZEL | 49 BROOKE |
| 13 LOGAN | 30 GILMER | 50 HANCOCK |
| 14 NICHOLAS | 31 UPSHUR | 51 MERCER |
| 15 LEWIS | 32 PUTNAM | |
| 16 MINGO | 33 TYLER | |
| 17 MASON | 34 HARRISON | |
| | 35 MARION | |
| | 36 CABELL | |
| | 37 SUMMERS | |



Solutions 2

PG 13



PG 14 Key

Red, 1; Brown, 6; Green, 4; Black, 2; Orange, 3; Yellow, 5

PG 16

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

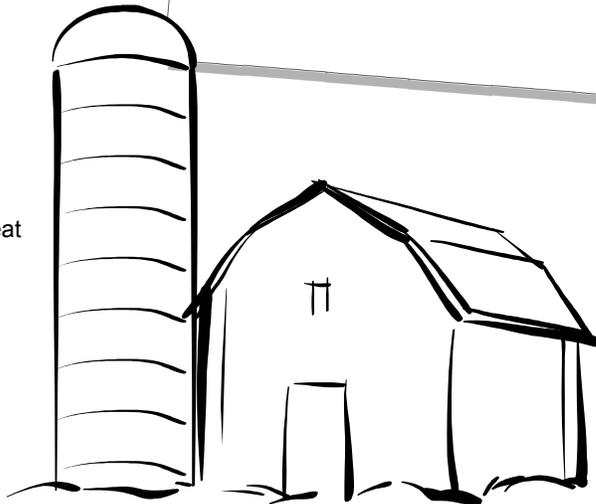
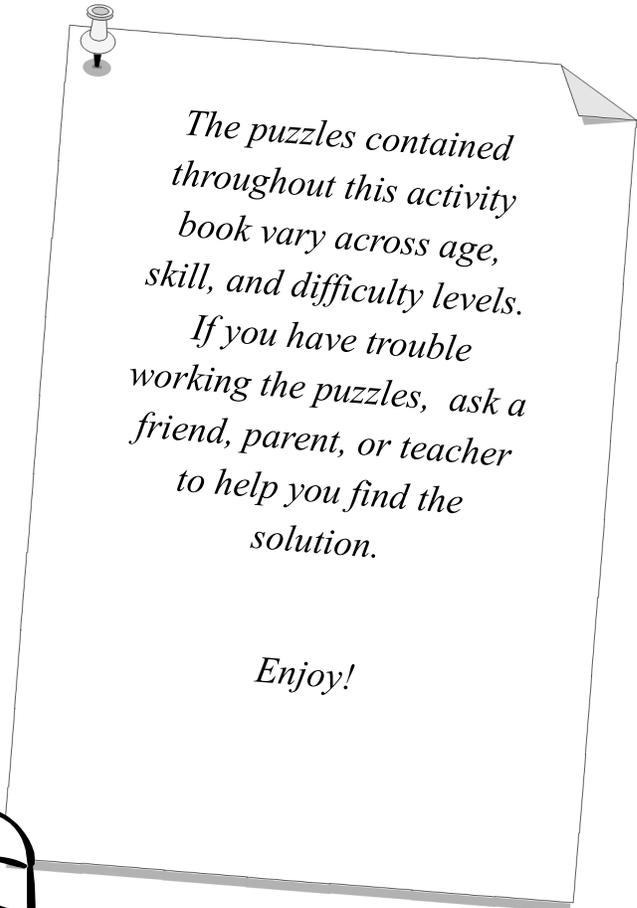
PG 17 Key

plowing; corn; fruit; vegetable; soybean; wheat
 Scramble: Gardening is fun!

PG 18 Bonus: D

PG 20 Laughing Stock

PG 21 Farming and growing enough to feed your family.



Web Sources:

- www.nass.usda.gov
- www.wvencyclopedia.org
- www.wvcommerce.org
- www.discoveryeducation.com

A Cooperative Function of
West Virginia Department of Agriculture
and
United States Department of Agriculture
National Agricultural Statistics Service

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