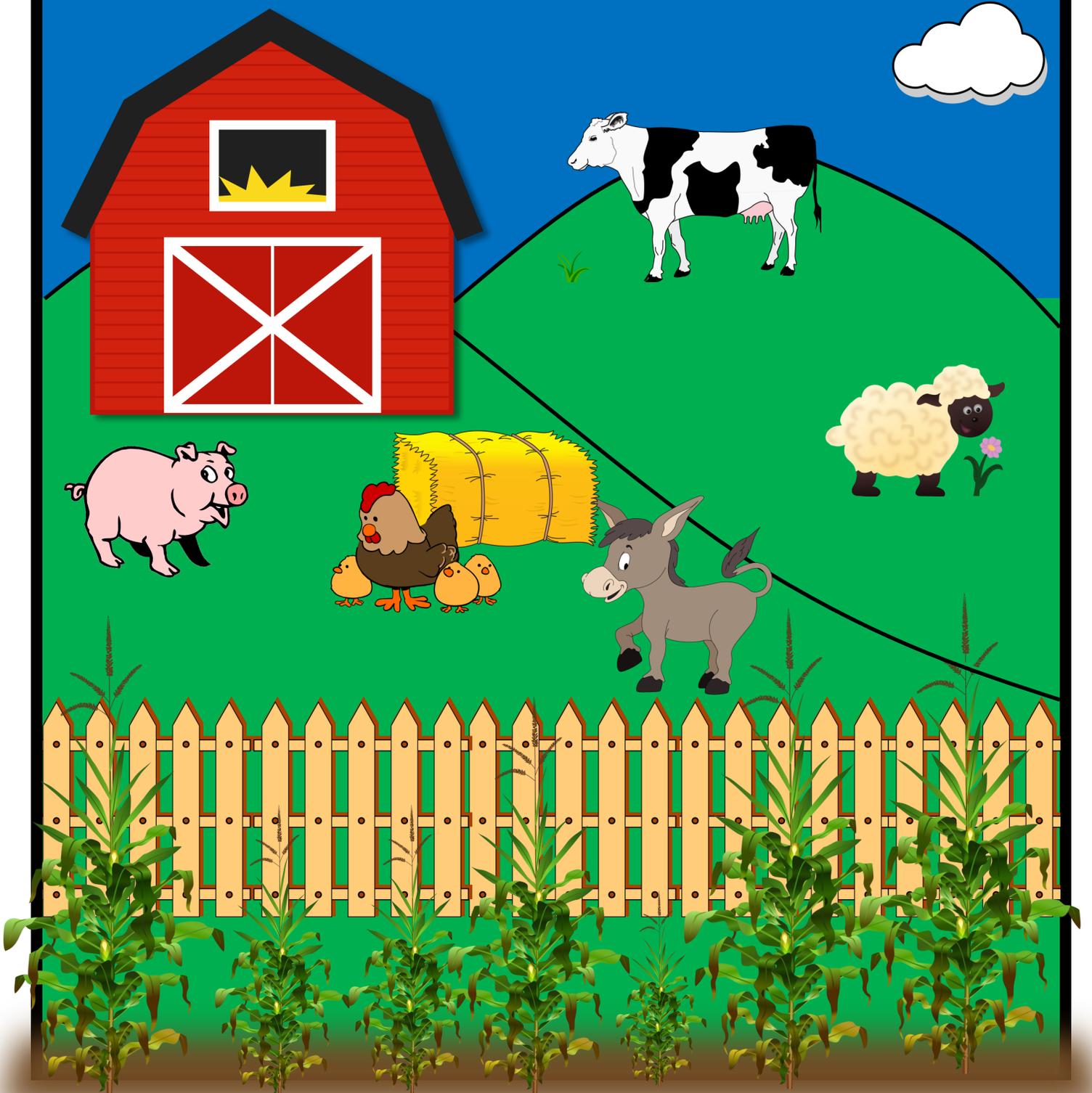


West Virginia Farm Fun

Coloring & Activity Book



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):

<https://www.usda.gov/our-agency/initiatives/usda-kids>

<https://www.agclassroom.org/teacher>

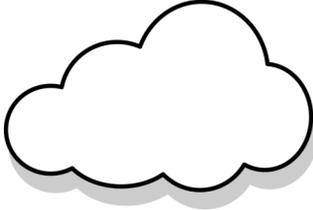
If you have a question, please feel free to send it to us via email at:

nass-wv@nass.usda.gov

Sincerely,

Charmaine Wilson
State Statistician





Did You Know?
West Virginia has over 20,000 farms which produce a wide variety of crops and livestock, and 97% are considered small farms.



What's the Buzz About?

- 1) All the worker bees are females? True or False
- 2) What are the male honey bees called?
- 3) How long does the queen bee live?
- 4) When the worker bees return to the hive they do this to let the others know where the best food source is?



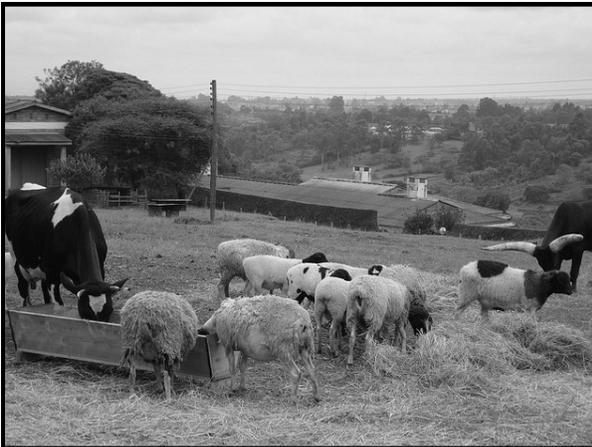
1) True 2) Drones 3) 5 years 4) Waggle Dance

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.

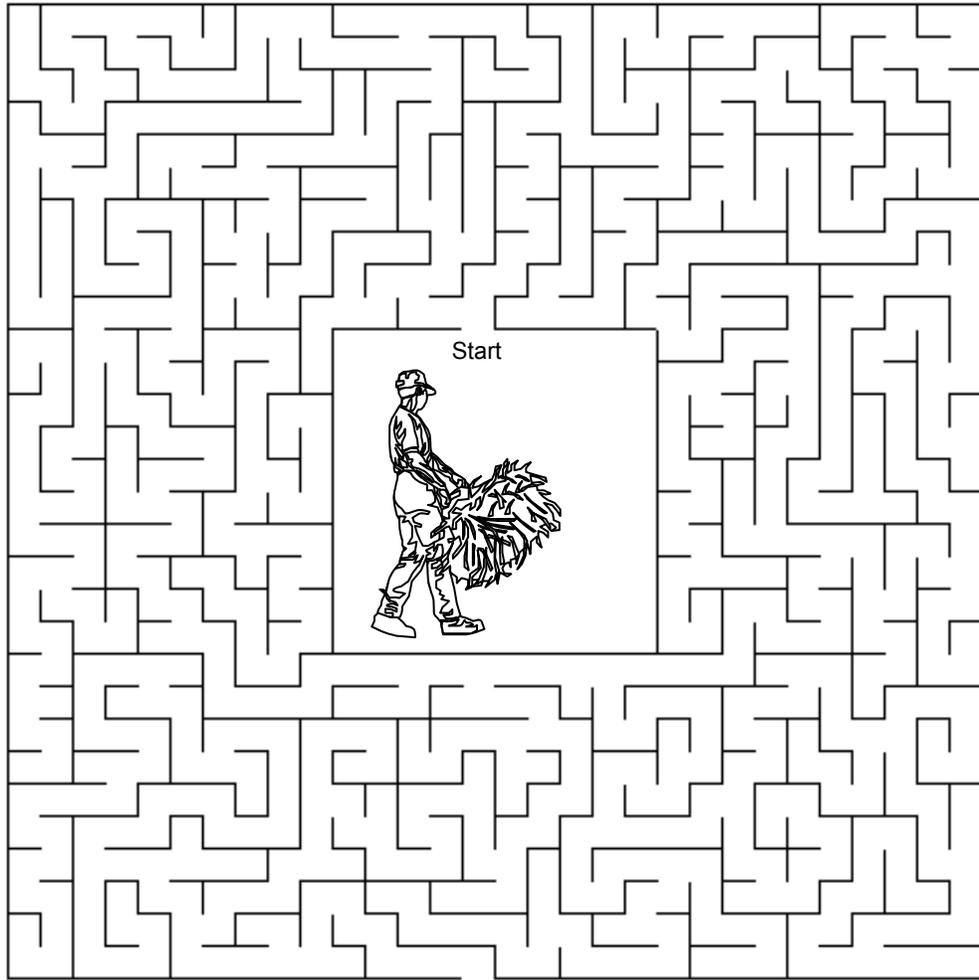
In the space provided, list as many commodities you can think of that could be produced on the pictured farms.







A Farmer, Outstanding in the Field.



Finish



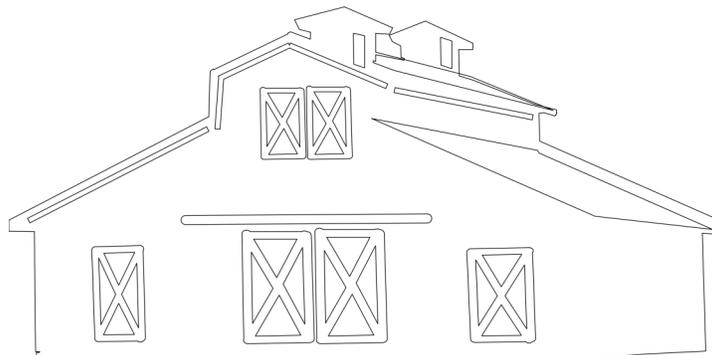
Math Squares

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

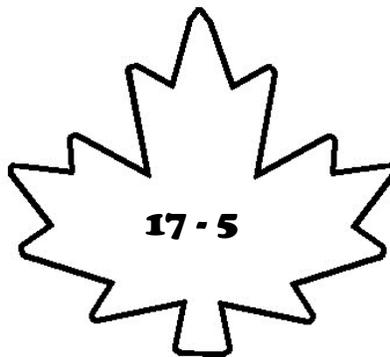
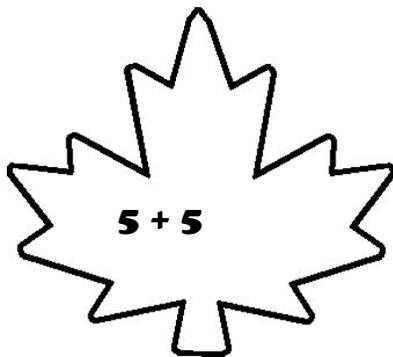
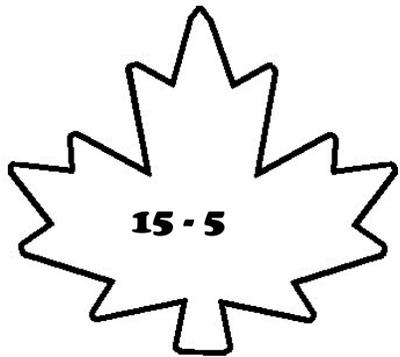
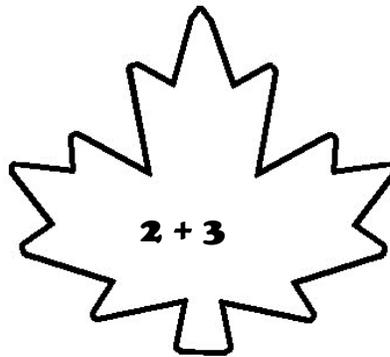
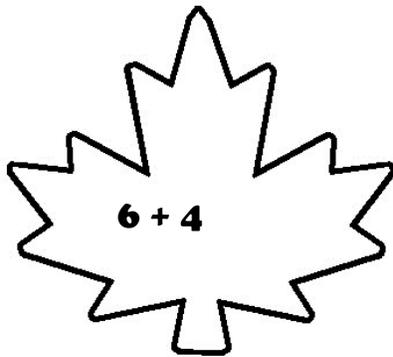
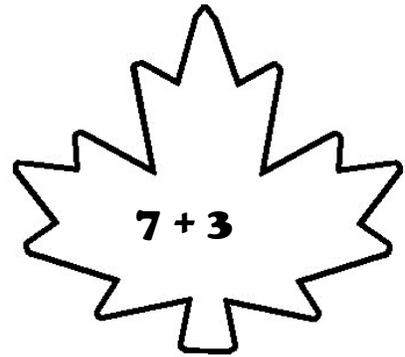
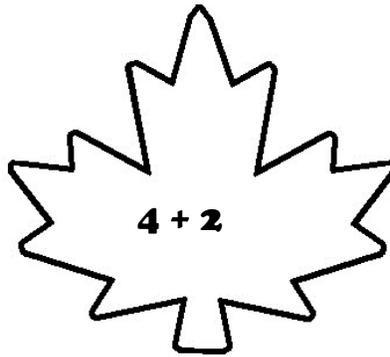
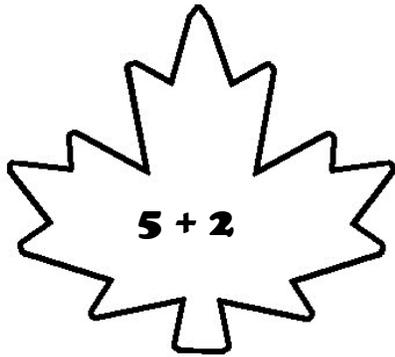
Fill in the missing numbers.

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.



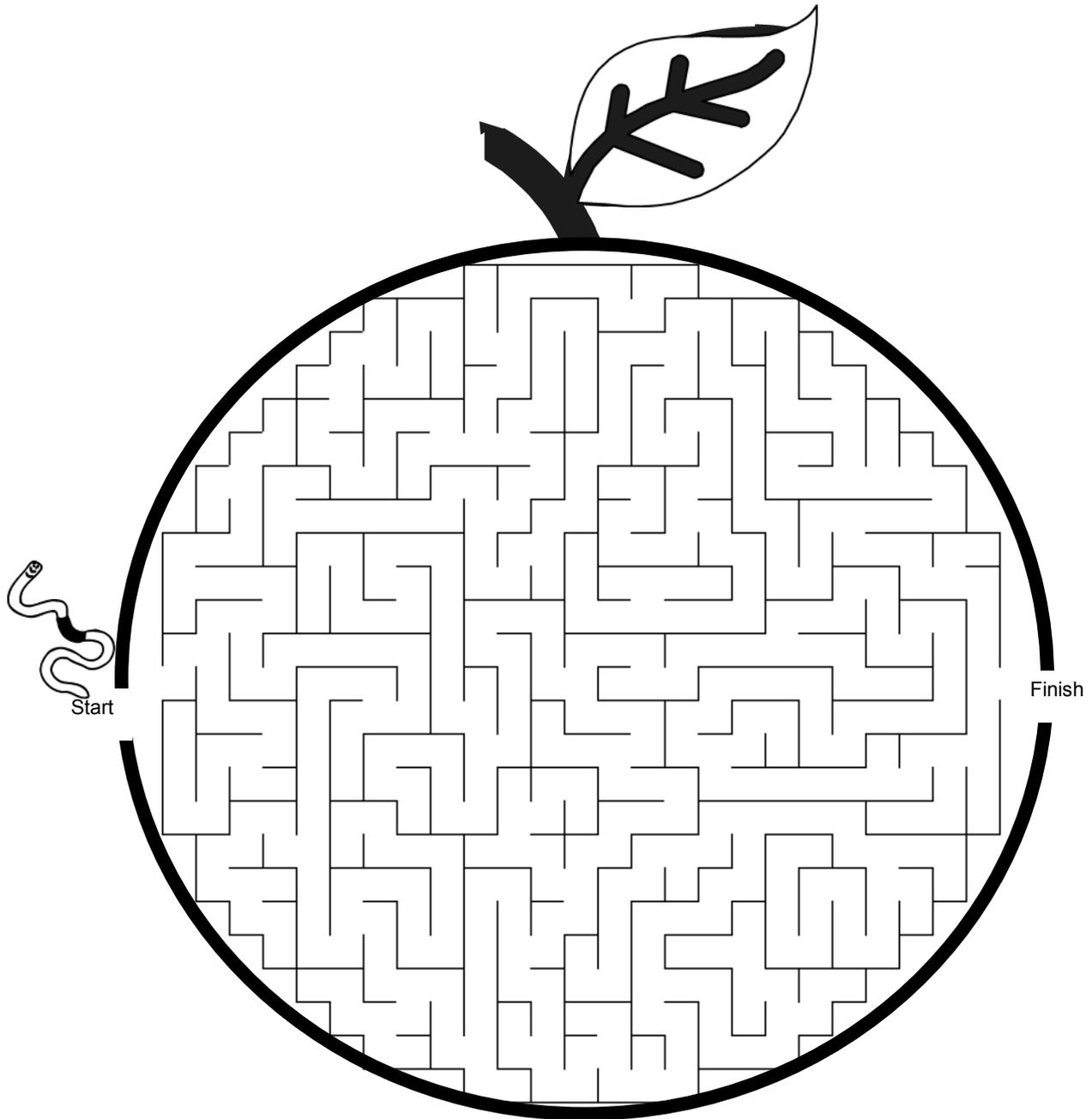
Color the Maple leaves that equal 10



Fun Farm Fact...

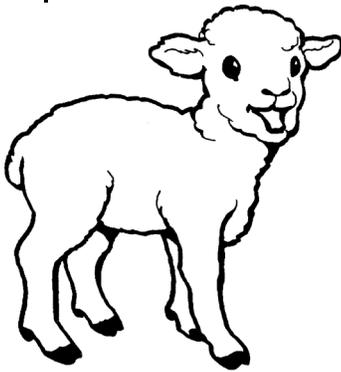
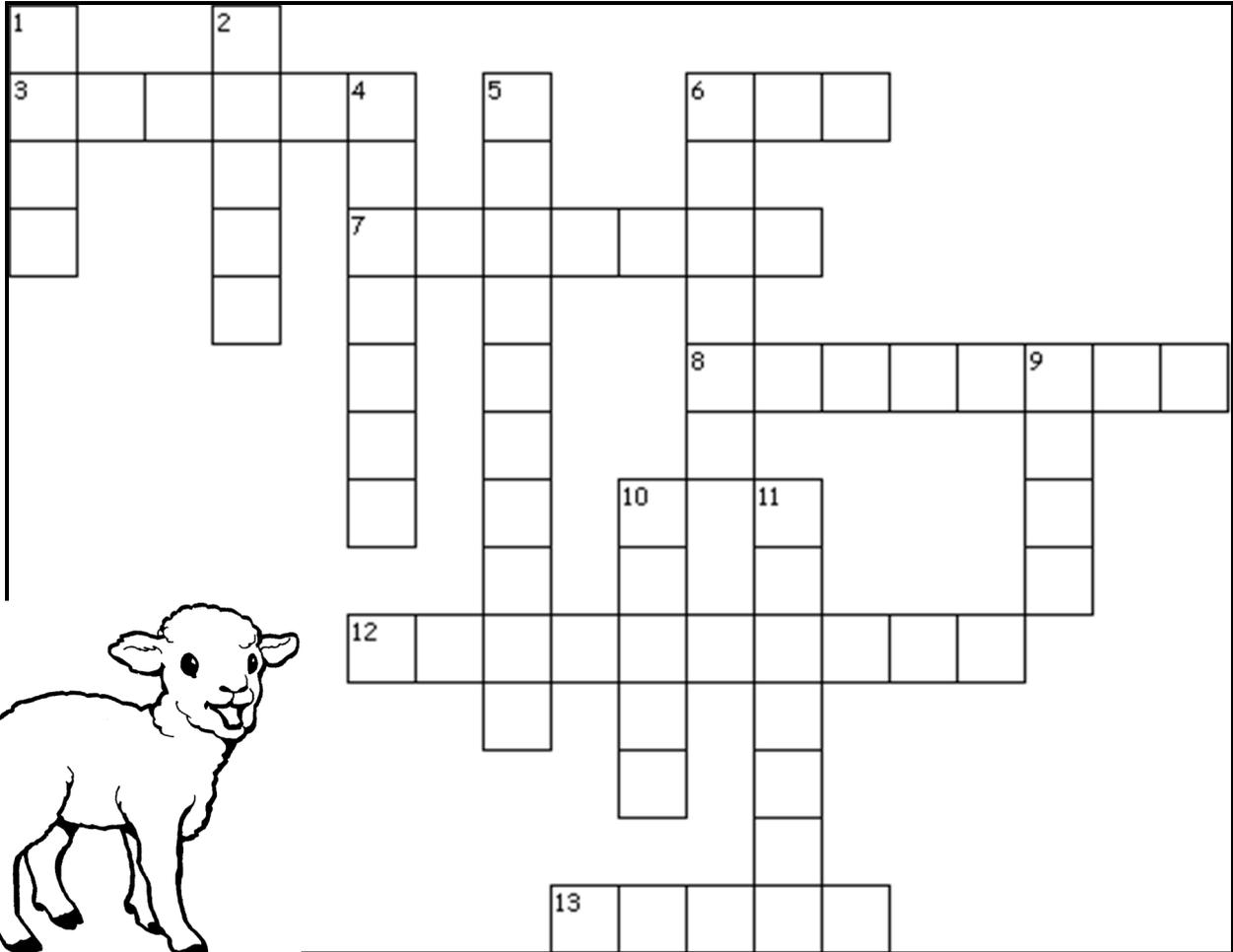
West Virginia produced 9,000 gallons of maple syrup in 2017

An Apple A Day



**West Virginia ranks 9th in the nation for apple production
(measured in pounds)**

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

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

APPLE

BERRY

BROILER

BUCK

CATTLE

CHICKEN

DOE

EGG

FARMER

FARMING

FOAL

FRUIT TREE

GARDEN

GOAT

HAY

HERD

HOG

HORSE

KID

LAMB

PEACH

PIG

PIGLET

PLOW

POULT

RABBIT

ROOSTER

SHEEP

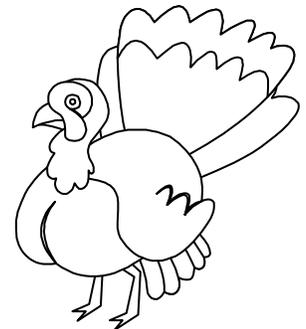
SOW

STEER

TRACTOR

TURKEY

WORK HARD

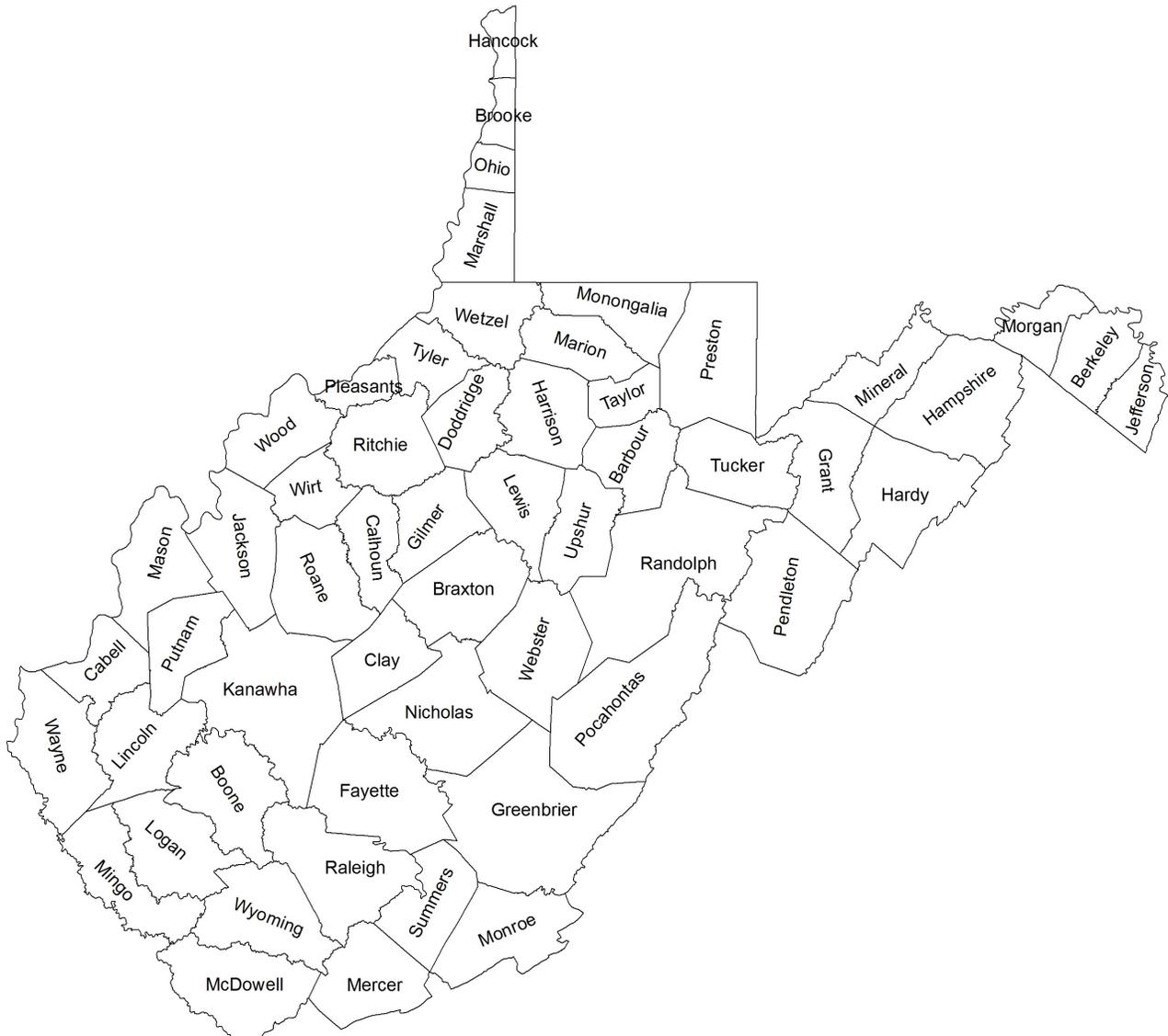


Connect the Dots



Connect the dots to see what animal is hiding in the field, and then color the picture that you just completed.

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 The world's largest steerable radio telescope has its home here
- 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 Discovery Channel founder John Hendricks was born here
- 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 Home to the West Virginia Folk Festival
- 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.

Scramble

PIWOLNG

				9	5	8

RONC

		3	7

RITFU

11		12		6

TEVBEGLEA

SAEBOYN

10					2	13

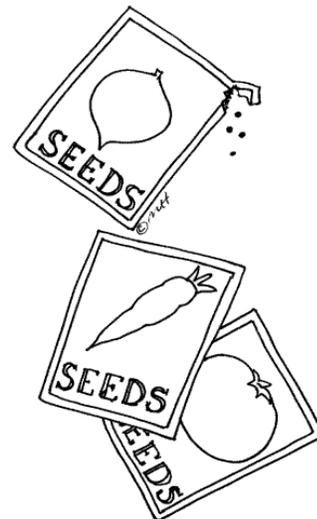
WAHTE

				4

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

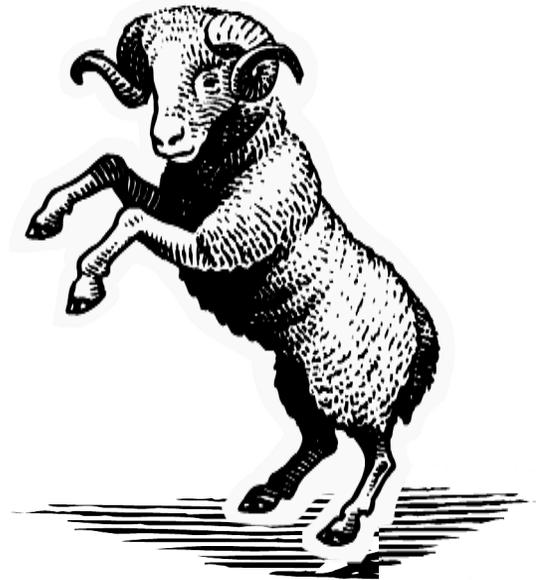
Unscramble each of the clue words.

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?



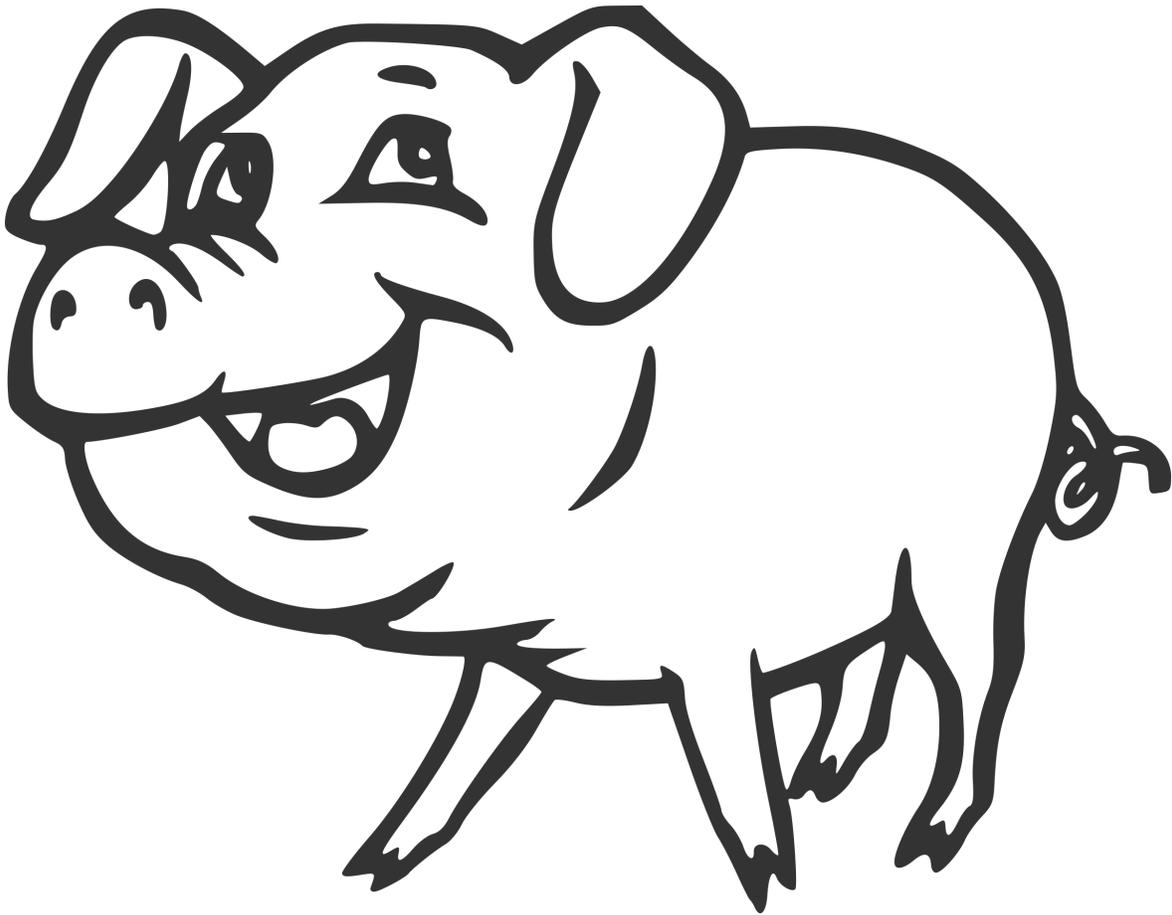
**BONUS! The sheep and lamb inventory in West Virginia stood at 32,000 head in 2014, very near the all-time low inventory of 30,000 head set in 2010. This is a far cry from sheep and lamb production in the Mountain State during the 19th century. In 1885, the all-time record high for sheep and lamb inventory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

Farm Decryption

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

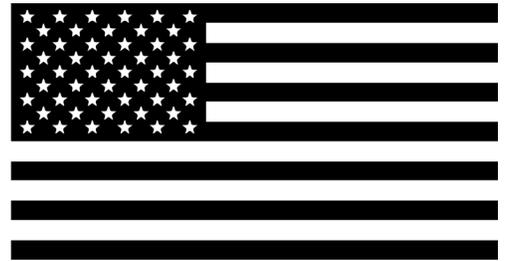
What kind of pigs know karate?



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
18	17		6	16	3	12		25	19		10	11	23		7	4	5		15	2	1	24	9	22	13

P	R	P
7	21 5 8	20 26 21 7 14

Veterans & Warriors to Agriculture



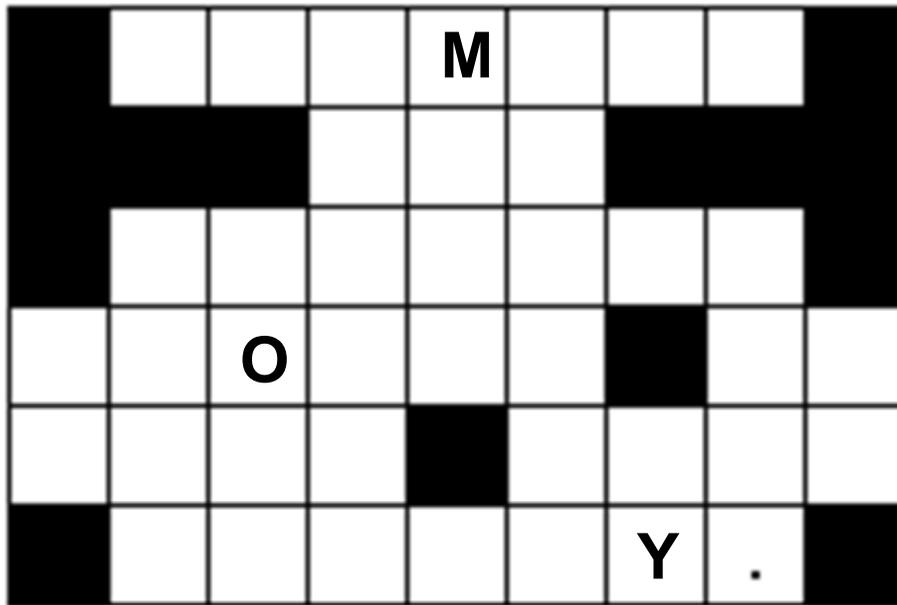
2017 CENSUS OF AGRICULTURE

YOUR VOICE. YOUR FUTURE. YOUR OPPORTUNITY.



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



1) flower in girl's hat 2) Woman's hat band color 3) flower in pot 4) seeds 5) hole dug in ground 6) seed packets 7) girl's hair color 8) color of seeds in packets

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: _____

Goats: _____

Chickens: _____

Corn: _____

Horses: _____

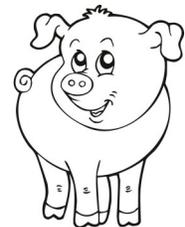
Apples: _____

Pigs: _____

Hay bales: _____

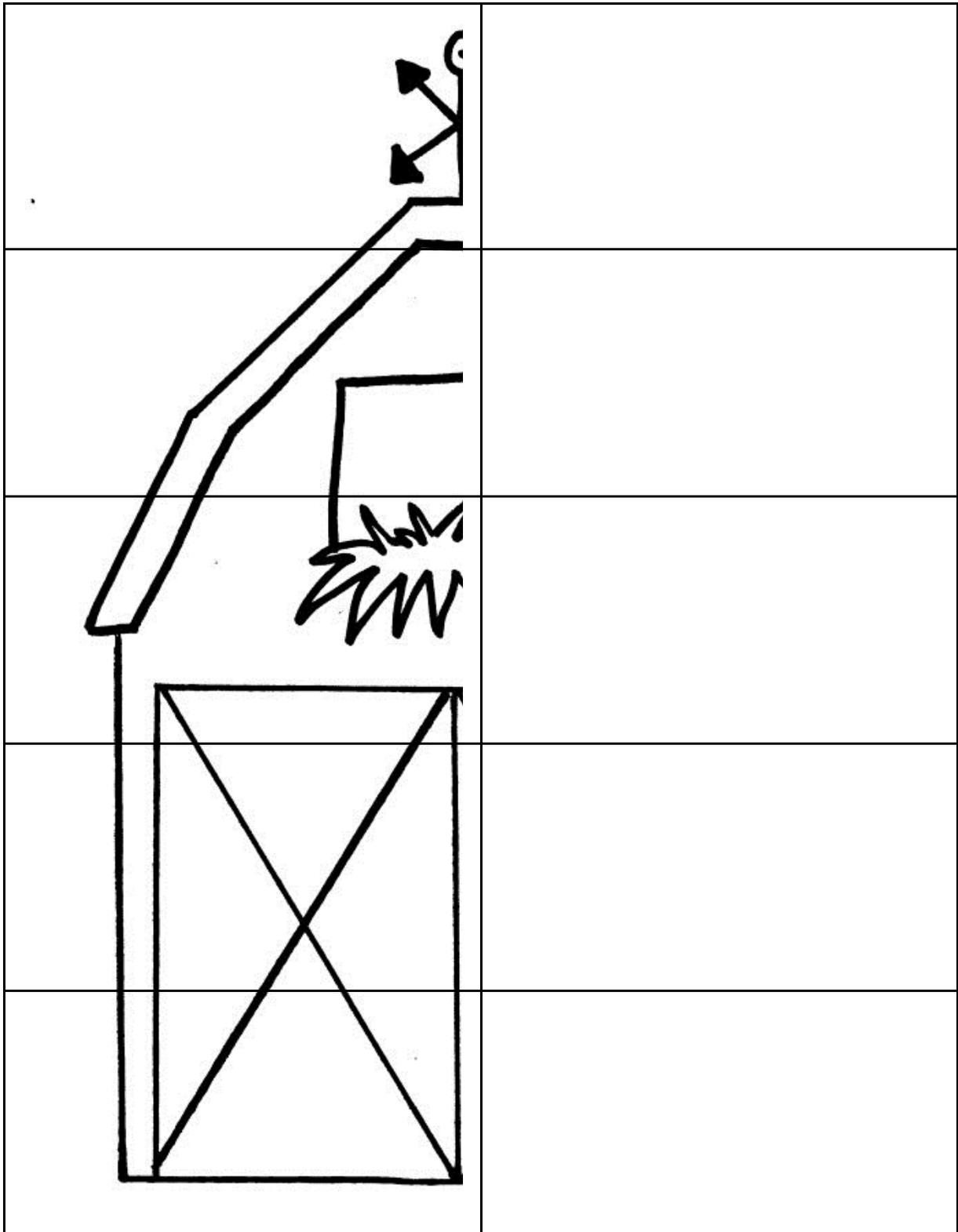
Sheep: _____

Honey bees: _____





Finish the picture



Solutions 1

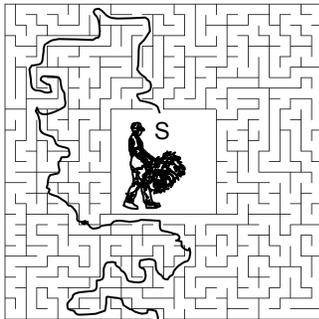
PG 4 Key

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

PG 6 Examples (answers may vary)

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

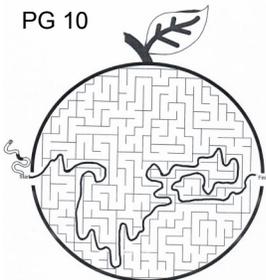
PG 7



PG 8

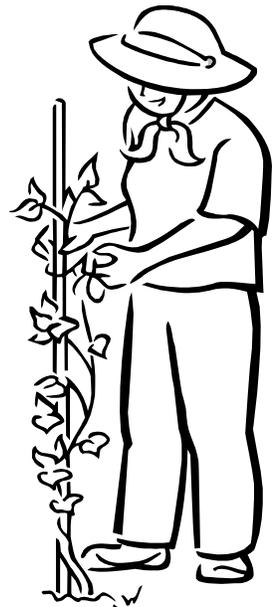
7	-	9	X	6	-47
X		-		X	
2	+	5	+	1	8
-		X		+	
4	-	8	-	3	-7
10		-31		9	

PG 10



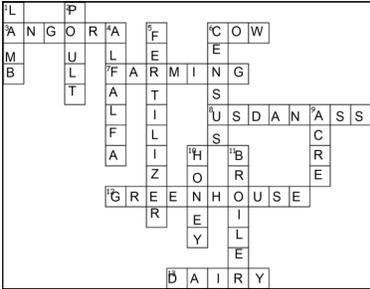
PG 15

- | | | |
|--|-------------|---------------|
| 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 11



PG 12

KH + F + GT + G + WHE + +
 CC + + AINR NAOEG + +
 + AU + BRO ILE RRG + +
 + ETB + OM + MTKD + Y +
 TPATS + + ETRHCE + +
 ERUTLUCIRGAKIN +
 L + EWKEU + A + R F + H +
 GRO I + R + + CUDBOYC
 ILDEFWGST EER + A +
 POULTAOGORS + + HL
 + + APEEHSRE + + + + +
 + M + P + + + Y + + + + + + +
 B + + A + + + + + + + + + + +
 + + + + + + + + + + + + + + +
 + + + + + + + + + + + + + + +

PG 16 Key

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

PG 17 Bonus: D

PG 18 Pork Chops

PG 21 Farming and growing enough to
 feed your family.

The puzzles contained throughout this activity book vary across age, skill, and difficulty levels. If you have trouble working the puzzles, ask a friend, parent, or teacher to help you find the solution.

Enjoy!



Web Sources:
www.nass.usda.gov
www.wvencyclopedia.org
www.wvcommerce.org
www.discoveryeducation.com
www.kids.nationalgeographic.com

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

**1900 Kanawha Boulevard, East
Charleston, WV 25305**

(304)-357-5123

1-(800)-535-7088

nass-wv@nass.usda.gov

www.nass.usda.gov

