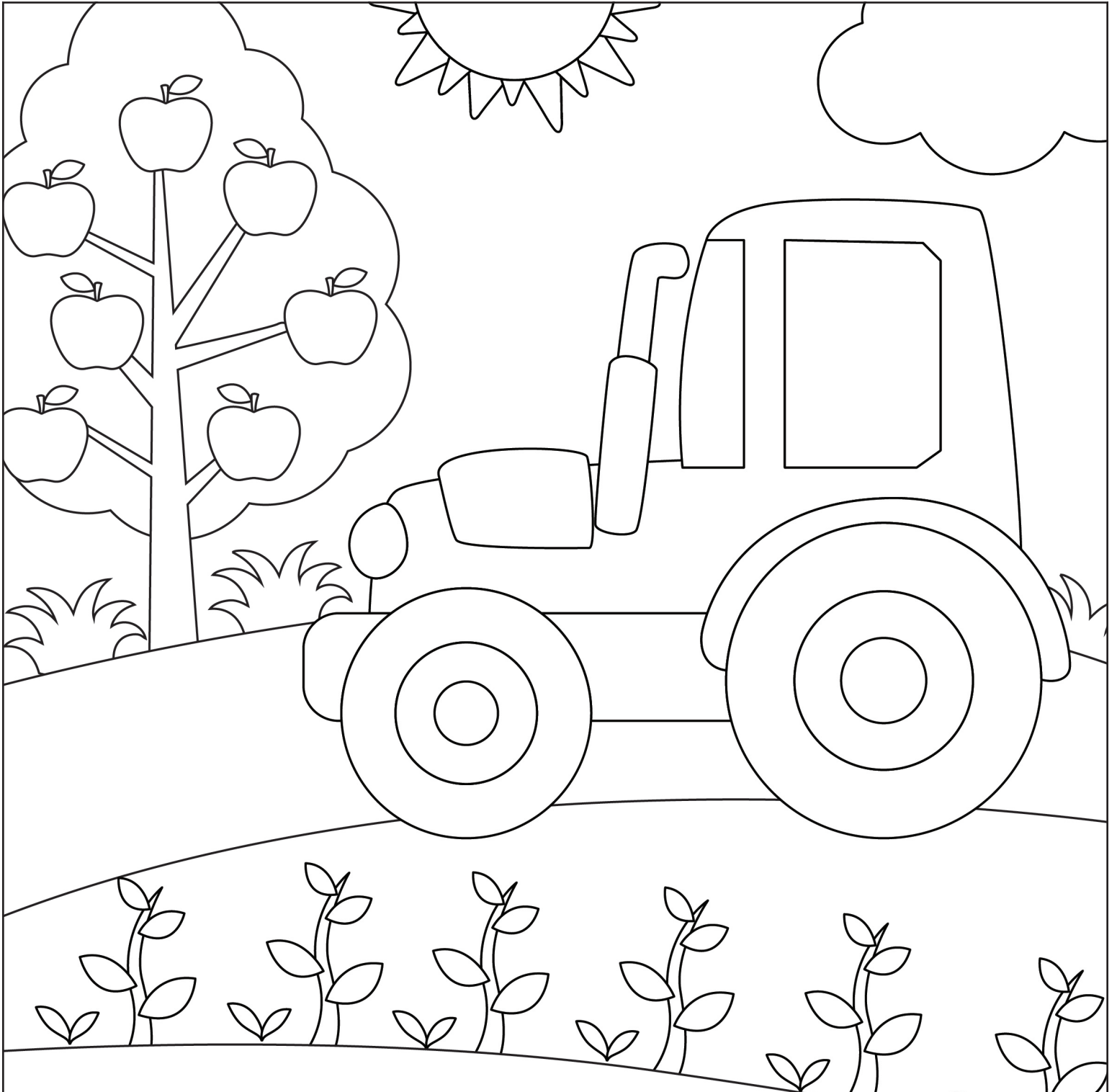


Adventures in Michigan Agriculture

ACTIVITY BOOK

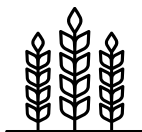


Adventures in Michigan Agriculture Activity Book

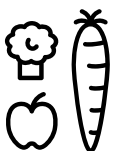
AN INTRO TO MICHIGAN AGRICULTURE

Michigan farmers grow a variety of commodities all over the Great Lakes State! Michigan ranks #1 in the nation for the following: Dry Black and Cranberry Beans, Begonias, Blueberries, Tart Cherries, Pickling Cucumbers, Easter Lilies, Geraniums, Low Fat Ice Cream Mix, Impatiens, Petunias, and Squash. Michigan also grows more than 300 commodities total which makes us #2 in the nation for being the most agriculturally diverse!

This activity book is full of worksheets for grades K-2 and 3-5; each lesson focuses on one of the following commodities:



GRAIN CROPS



**FRUITS AND
VEGETABLES**



HONEY



FORESTRY



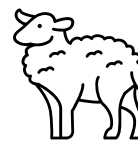
EGGS



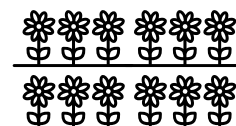
DAIRY



PIGS



SHEEP



FLORICULTURE



CHRISTMAS TREES



Michigan Agriculture in the Classroom

- Search a nationwide database of agriculture-based lessons matched to educational standards and save your favorite lessons using the My Binder feature!
- Purchase agriculture books, lessons and resources from our online store!
- Michigan Agriculture Lesson Plans
- Conference and Event Information
- Michigan Agriculture Facts by County
- Scholarships and Grants

**VISIT US AT MIAGCLASSROOM.ORG
or on Facebook @MIAgintheClassroom**

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WHAT DO THESE CROPS BECOME?

Michigan farmers raise corn, soybeans, and wheat. Products we use every day are made from these grains. The items listed below are made from either corn, soybeans, or wheat!

Can you find all of these items in the word search? One has been done for you.

Word Bank

Corn

POPCORN

CORN SYRUP

CORN STARCH

Soybeans

BABY FOOD

CRAYONS

SHAMPOO

Wheat

FLOUR

BREAD

CEREAL

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

WHAT DO THESE CROPS BECOME?

Michigan farmers raise corn, soybeans, and wheat. Products we use every day are made from these grains. The items listed below are made from either corn, soybeans, or wheat!

Can you find all of these items in the word search? One has been done for you.

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

Word Bank

Corn

POPCORN
CORN SYRUP
CORN STARCH
ETHANOL
TACO SHELLS
GUM

Soybeans

BABY FOOD
CRAYONS
SHAMPOO
TOFU
PET FOOD
PLASTIC

Wheat

FLOUR
BREAD
CEREAL
PIZZA CRUST
PASTA
COOKIES

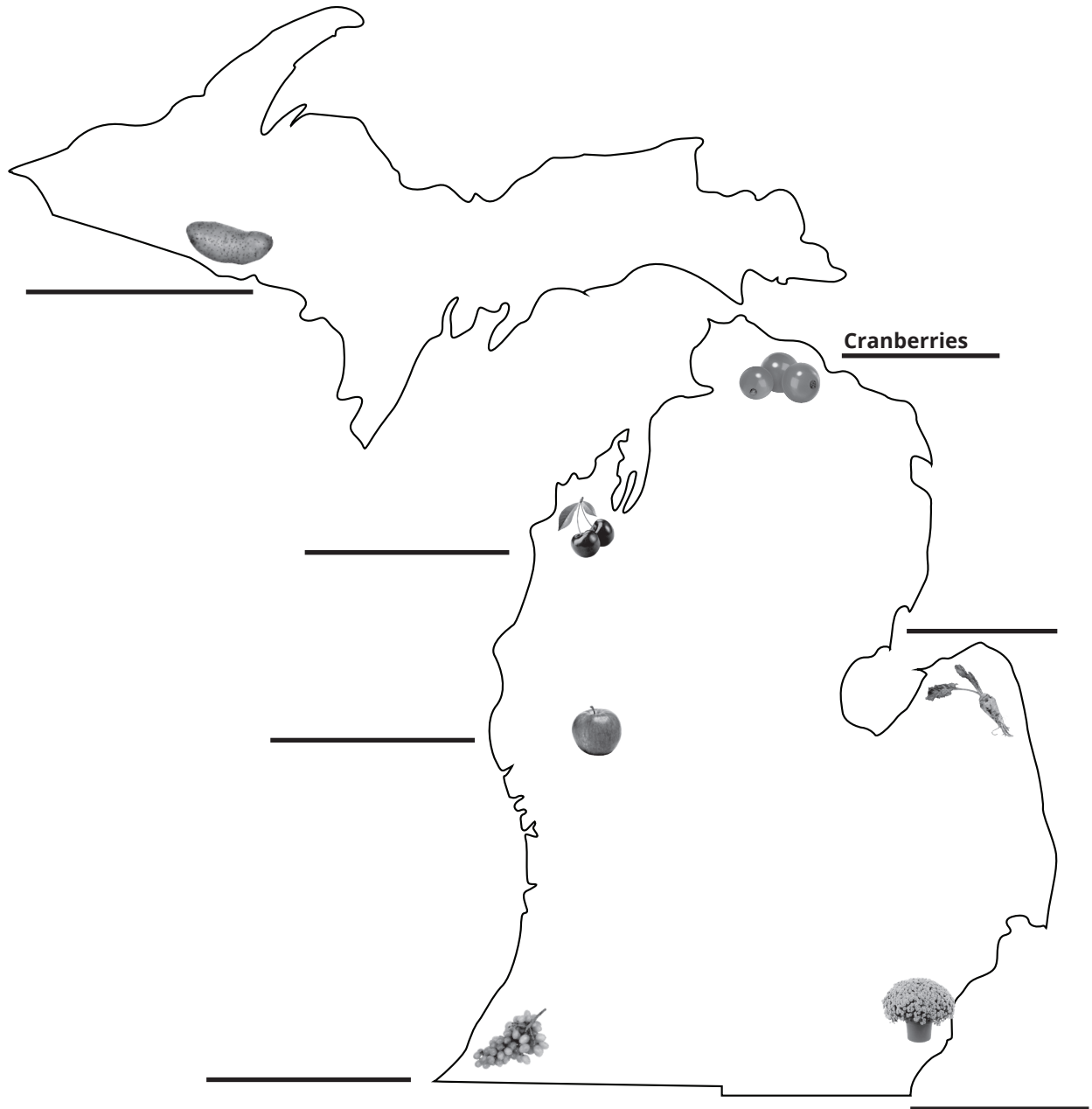
WHERE IS IT GROWN?

Michigan farmers grow different types of fruits and vegetables all over the state! Each region of our state is best at raising certain crops depending on the weather, soil type, or processing factories located nearby.

Match the produce to where it is grown best around our state. The first one has been done for you.

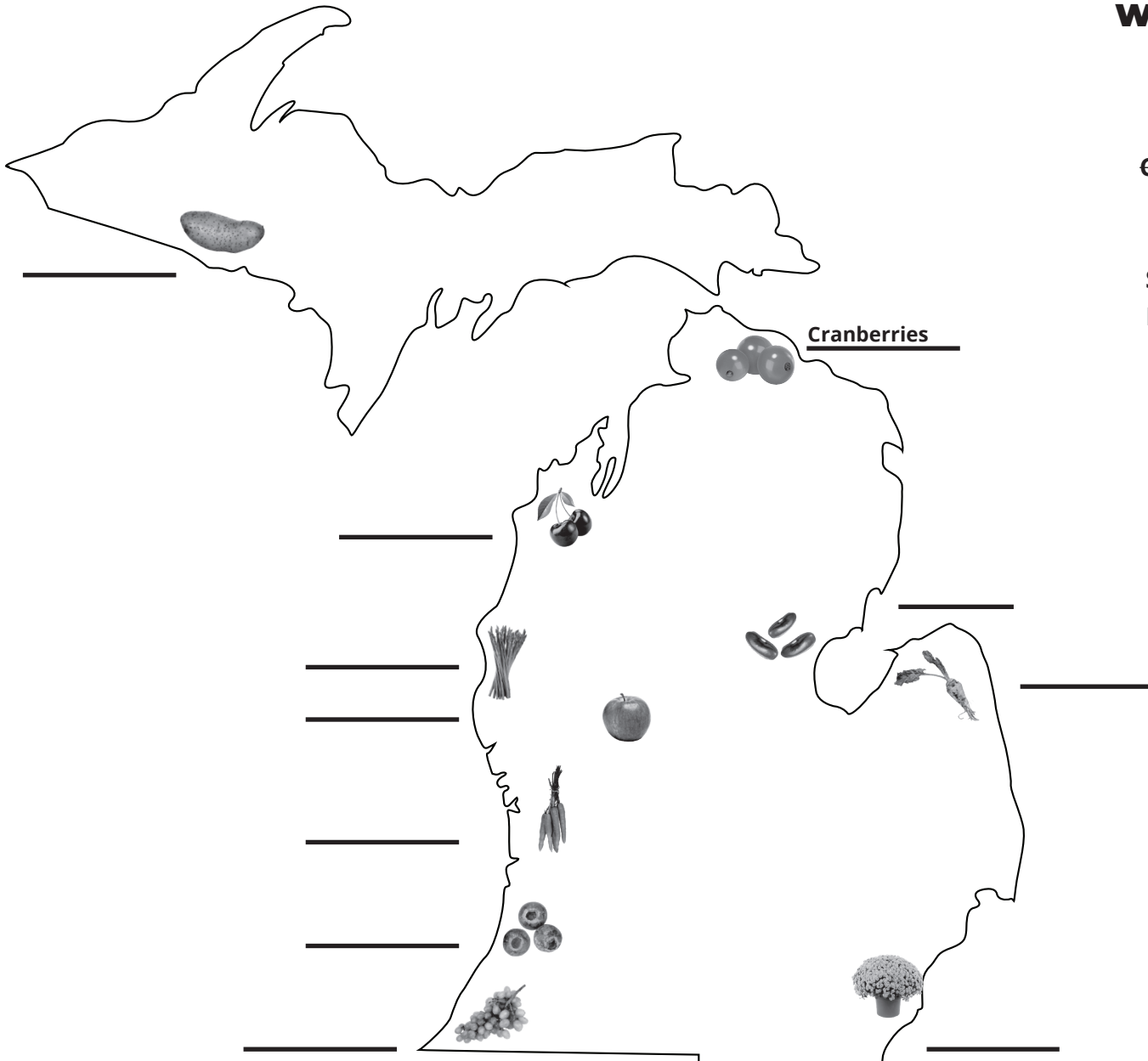
Word Bank

- APPLES
- POTATOES
- CRANBERRIES
- FLOWERS
- GRAPES
- SUGAR BEETS
- CHERRIES



WHERE IS IT GROWN?

Michigan grows different fruits and vegetables all over the state!
Match the produce to where it is grown. One has been done for you.



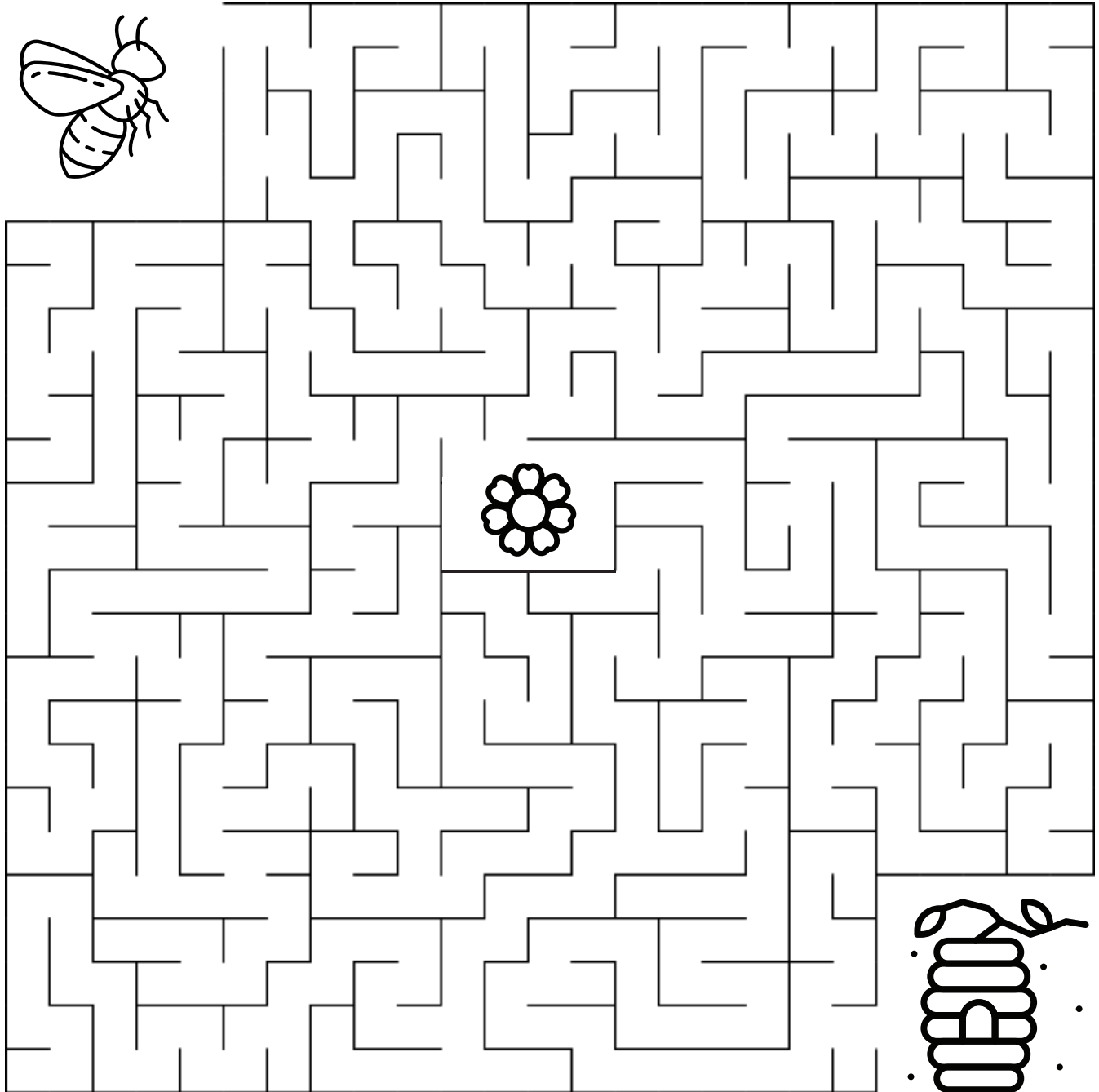
Word Bank

- CARROTS
- POTATOES
- APPLES
- CRANBERRIES
- FLOWERS
- GRAPES
- SUGAR BEETS
- BLUEBERRIES
- ASPARAGUS
- DRY BEANS
- CHERRIES

WHAT PATH DOES THE BEE NEED TO TAKE?

Honey bees are raised all over Michigan! Farmers use honey bees to pollinate their crops and to make honey.

Using the maze below, help the worker bee find its way to the flower and hive!



A SINGLE BEEHIVE PRODUCES 60 POUNDS OF...

Honey bees are raised all over Michigan, farmers use honey bees to pollinate their crops and to make honey.

Can you crack the code below? Unscramble the following words, putting one letter in each space. Then unscramble the circled letters to answer the question below.

OLNLPNTNAIIIO

					○						
--	--	--	--	--	---	--	--	--	--	--	--

LRWFEO

		○			
--	--	---	--	--	--

HVIE

○			
---	--	--	--

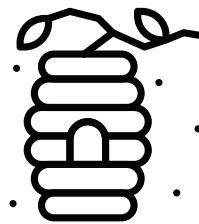
EEB

	○	
--	---	--

CONYBMEHO

				○				
--	--	--	--	---	--	--	--	--

ONE BEEHIVE WILL PRODUCE 60 POUNDS OF...



○	○	○	○	○
---	---	---	---	---

HOW CLOSE IS THE FOREST?

Michigan forests supply us with clean air, water, and wood. Some farmers raise and harvest trees to build items that are all around you!

Can you find all seven items listed in the classroom below that are made from trees?

Word Bank

BASEBALL BAT

PAPER

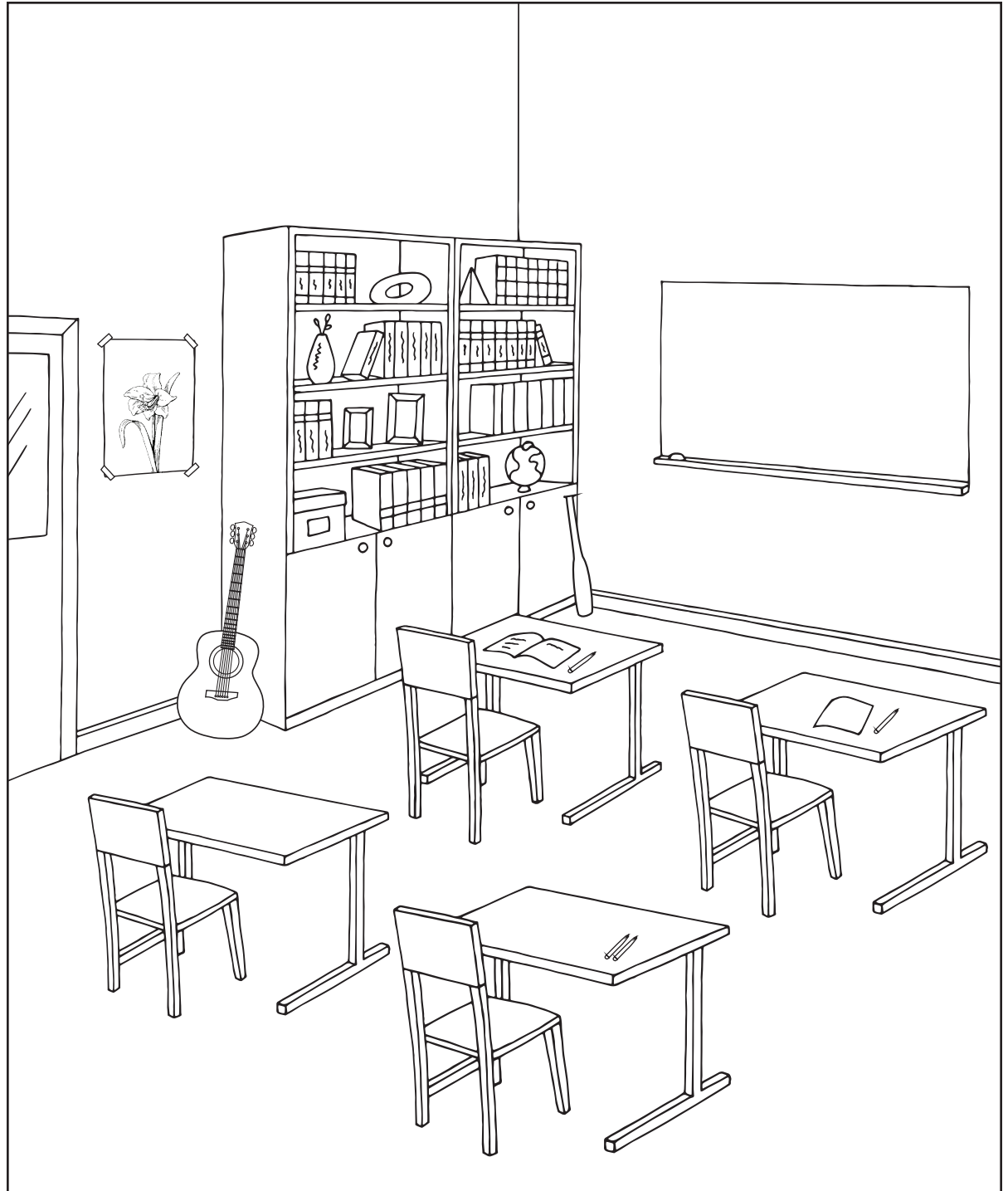
PENCILS

POSTER

BOOK

DESK

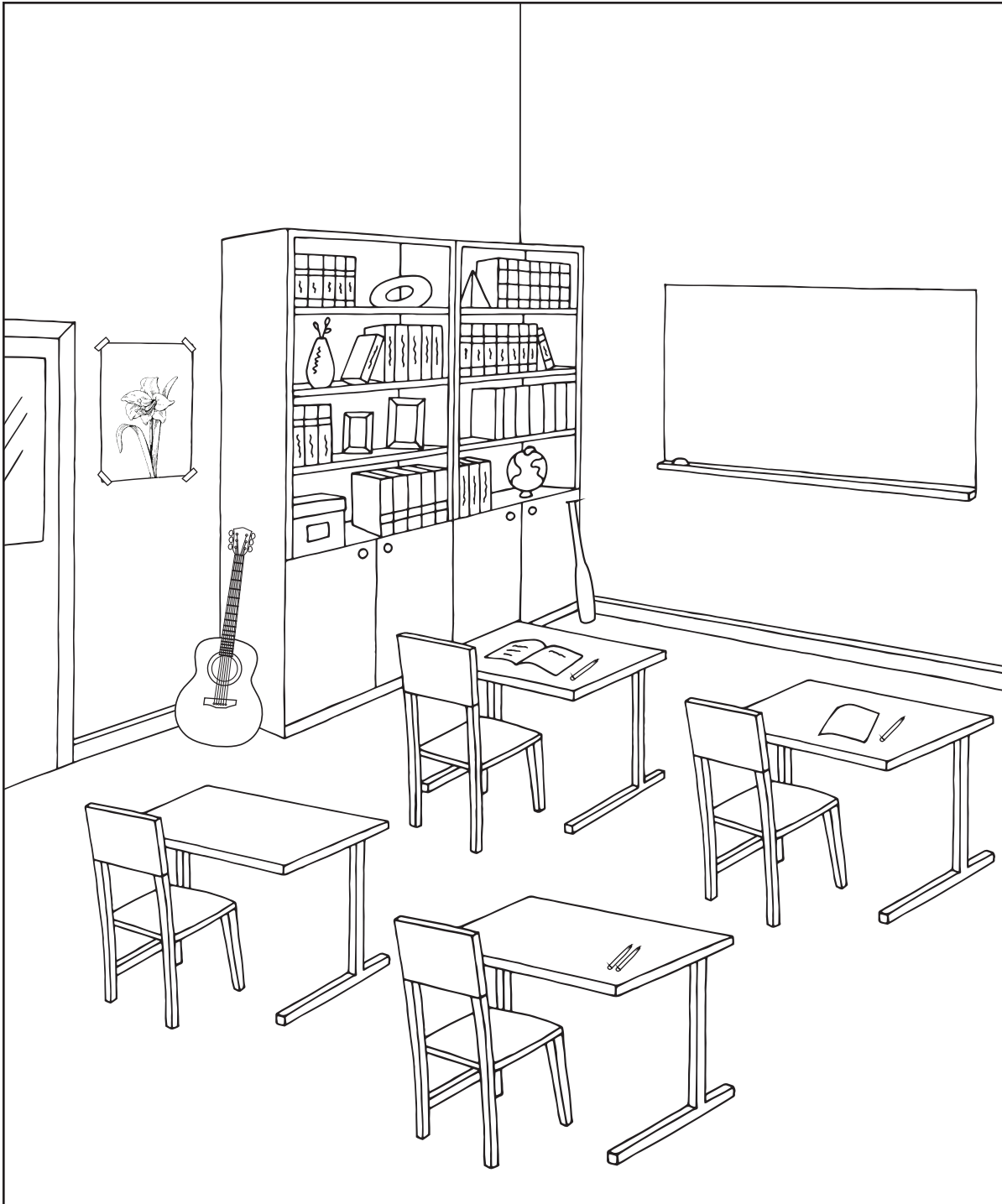
CHAIR



HOW CLOSE IS THE FOREST?

Michigan forests supply us with clean air, water, and wood. Some farmers raise and harvest trees to build items that are all around you!

Can you find all 10 items in the classroom below that are made from trees?



Word Bank

CARDBOARD BOX

GUITAR

PICTURE FRAME

BASEBALL BAT

PAPER

PENCIL

POSTER

BOOK

TABLE

CHAIR

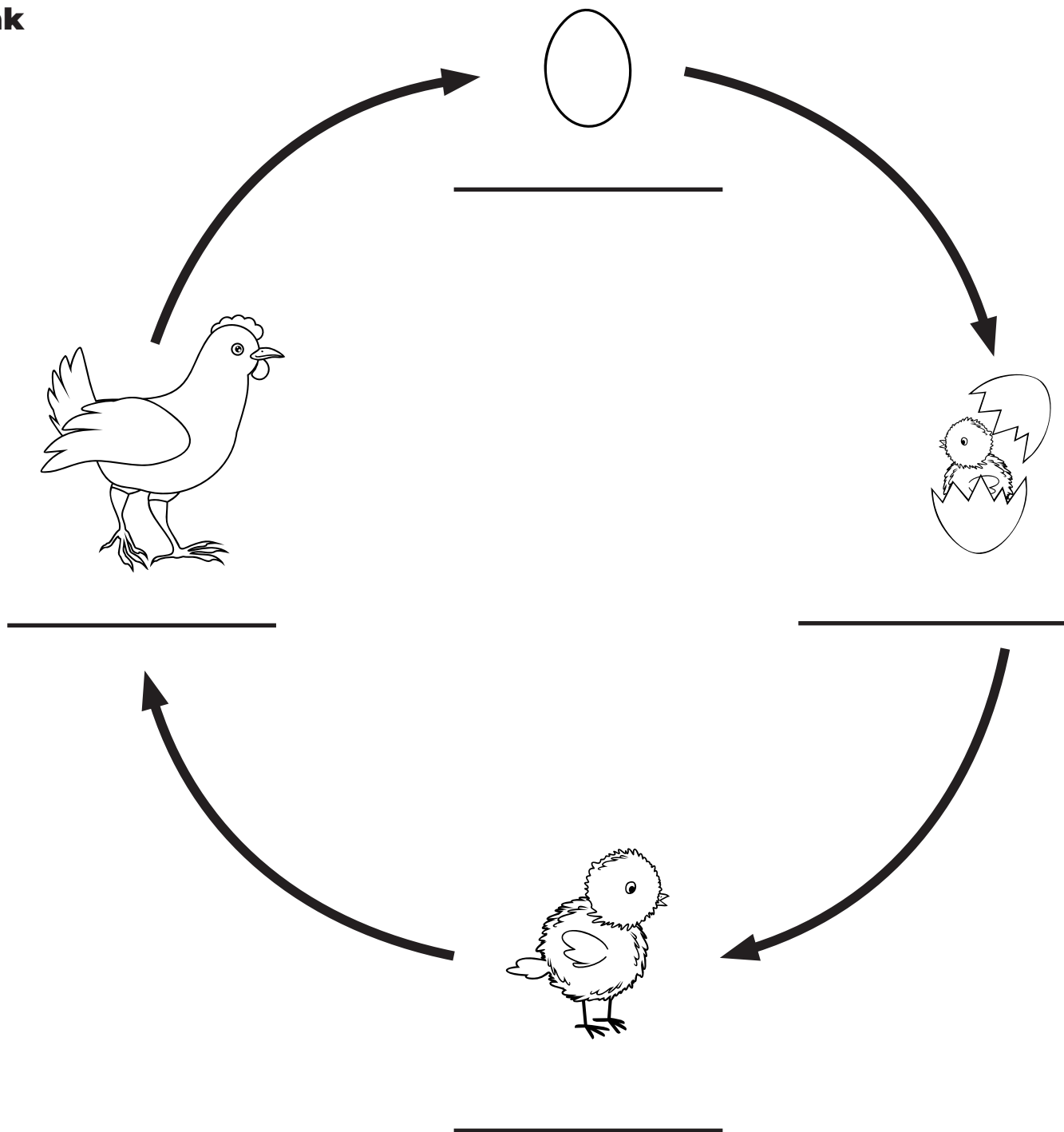
WHAT CAME FIRST, THE CHICKEN OR THE EGG?

Michigan farmers supply eggs that can be found in grocery stores and restaurants in your community!

Can you name the stages of a chicken's life cycle? Using the word bank below, place each stage in the correct order!

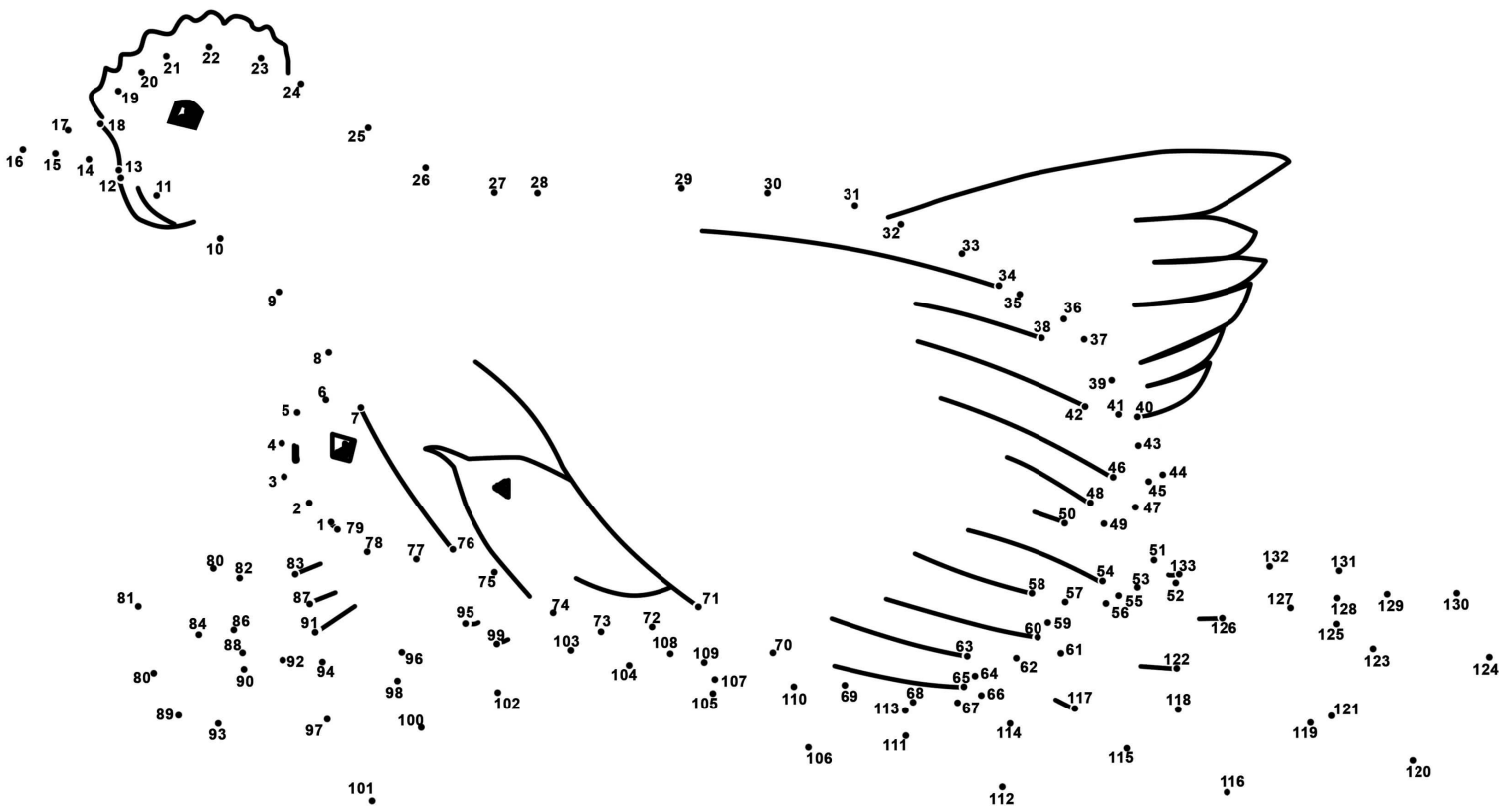
Word Bank

- CHICK
- HATCHLING
- CHICKEN
- EGG



FINISH THE DRAWING BELOW

By connecting the dots below, discover what farm animal is raised all over Michigan and plays an important role in many daily diets.

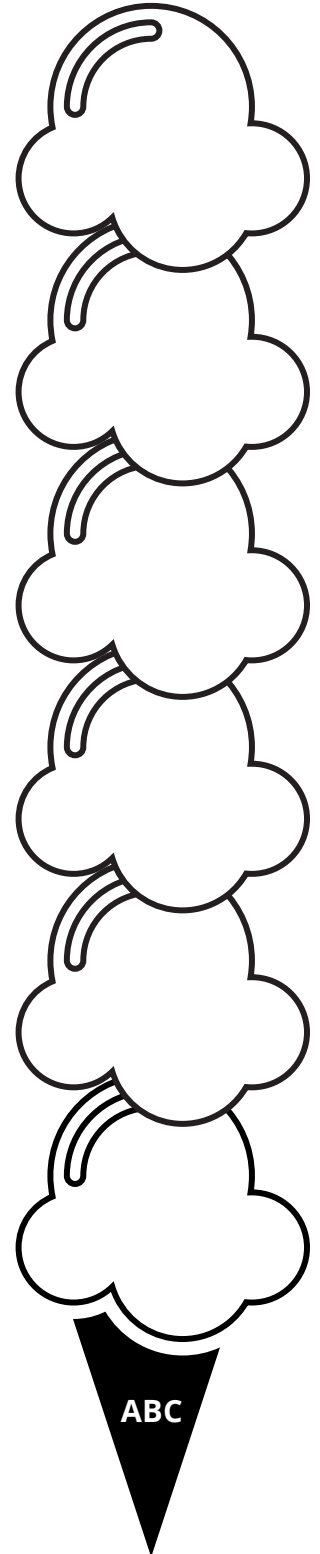
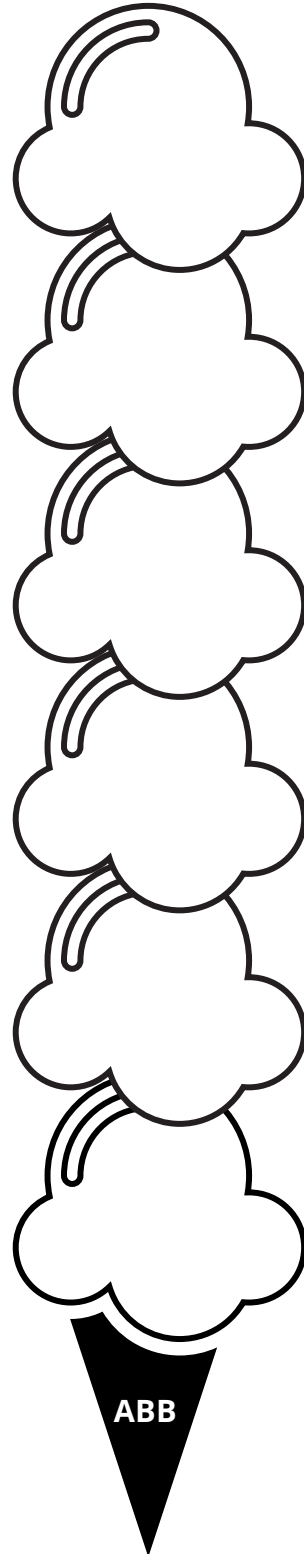
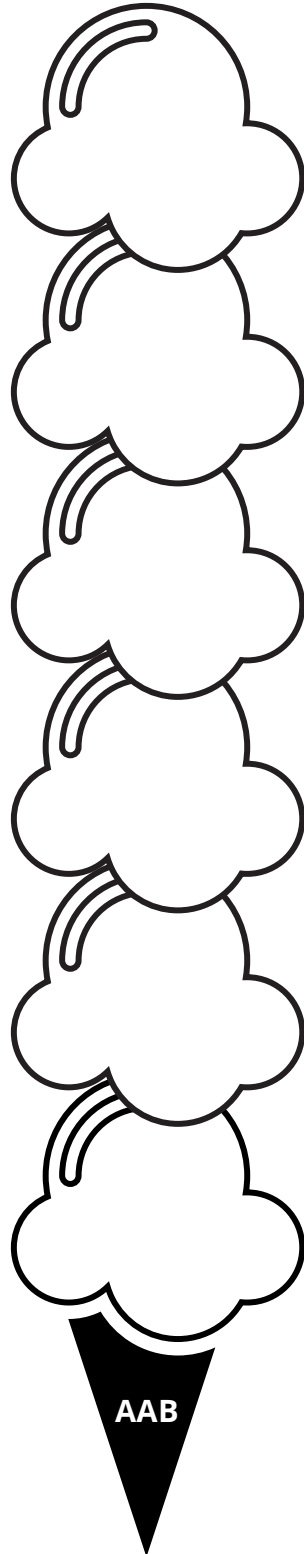
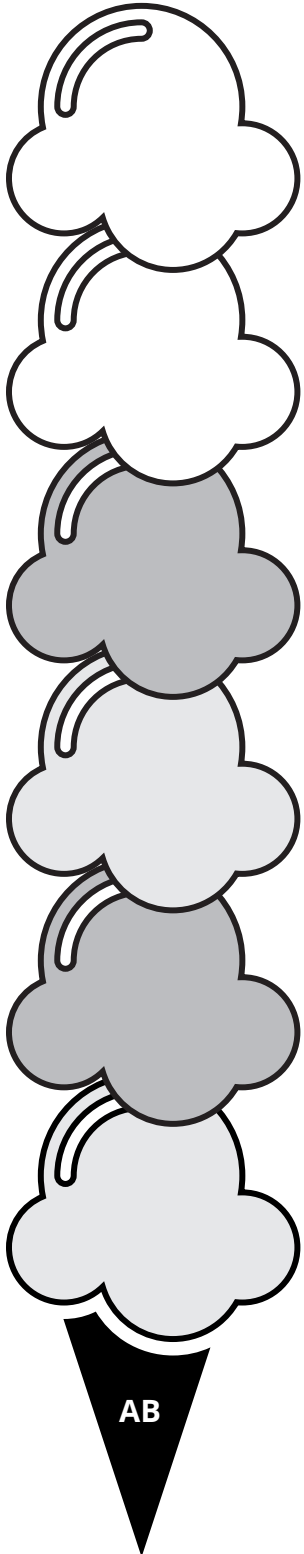


WHAT ANIMAL AM I?

SCOOPING ICE CREAM OR BUILDING YOUR ICE CREAM CONE

Michigan dairy farmers supply milk to be used in delicious ice cream!

Using the patterns listed on each cone, color each ice cream scoop to match what is listed below it. One is started for you.





CAN YOU CRACK IT?

Around 1,200 Michigan dairy farms work together to supply milk to the whole state! Milk can be used in a variety of products such as ice cream, yogurt, and cheese.

Use the 'MOO-ES' Code to discover the answers to each dairy message. Make your own dairy questions or sentences using the 'MOO-ES' Code!

What do cows produce?

___ .. .-.. -.-

____ _____ _____ _____

Name the most popular kind of ice cream.

...- .- -.- .. .-.. .-.. .-

_____ _____ _____ _____ _____ _____ _____

What color is the popular Holstein cow?

... .-.. .- -.-. -.-

_____ _____ _____ _____ _____

.- -.- -..

_____ _____ _____

... - .

_____ _____ _____ _____ _____

What are baby cows called?

...- .- .-.. ...-

_____ _____ _____ _____ _____ _____

What is America's favorite dessert?

.. -.-. . -.-. .- . .- -

_____ _____ _____ _____ _____ _____ _____ _____

What is the slogan used to promote eating dairy products?

. ...- . .- -.-

_____ _____ _____ _____ _____

... .- -.-

_____ _____ _____

Name three dairy products used in the dairy slogan.

___ .. .-.. -.-

_____ _____ _____ _____

...-

_____ _____ _____ _____ _____ _____

...- - -.- ..- .- -

_____ _____ _____ _____ _____ _____

- 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 ...

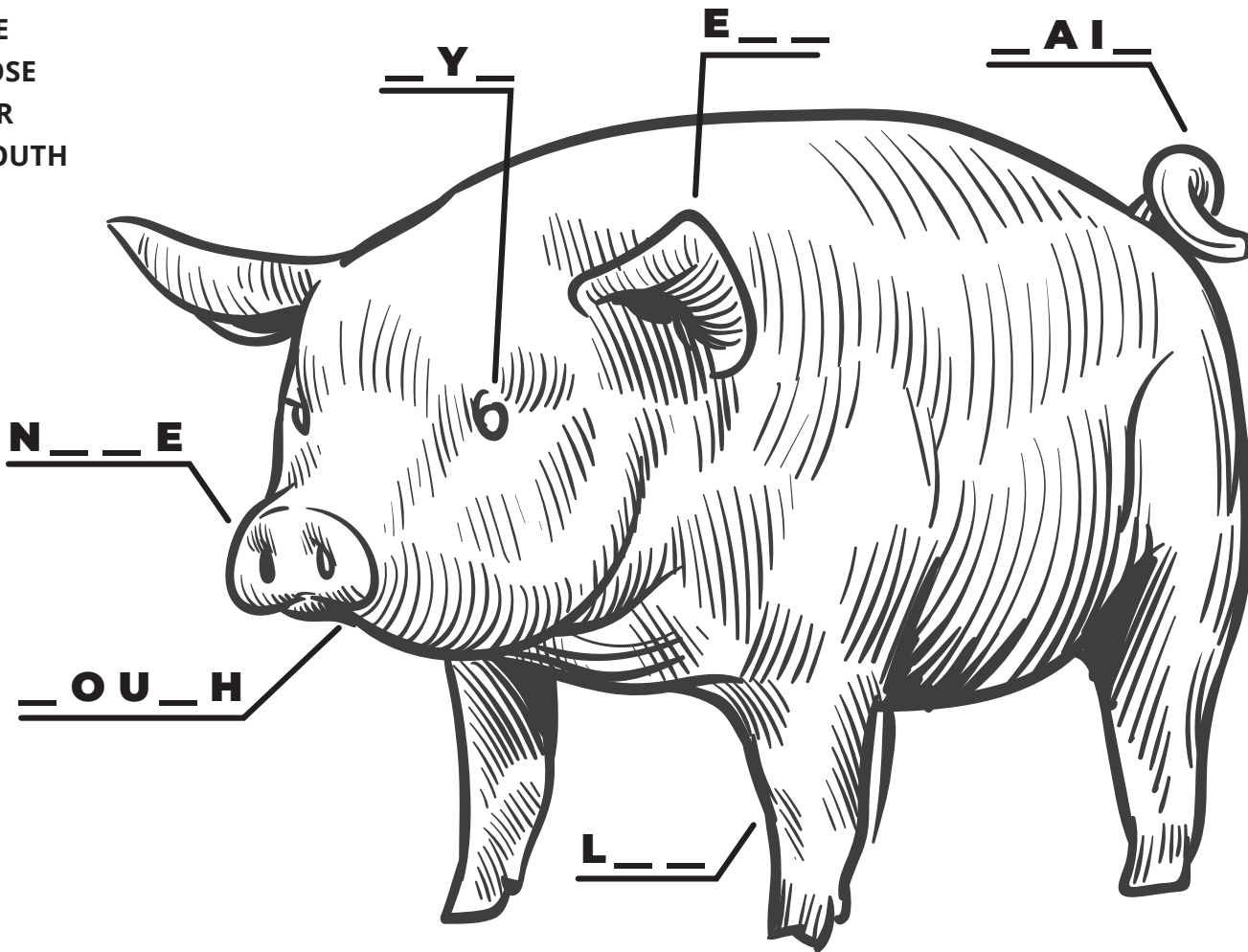
PARTS OF A PIG

Michigan is home to about 2,000 pig farms; these farmers make sure their pigs are happy and healthy every day.

Fill in the missing letters to spell and label a pig's body parts!

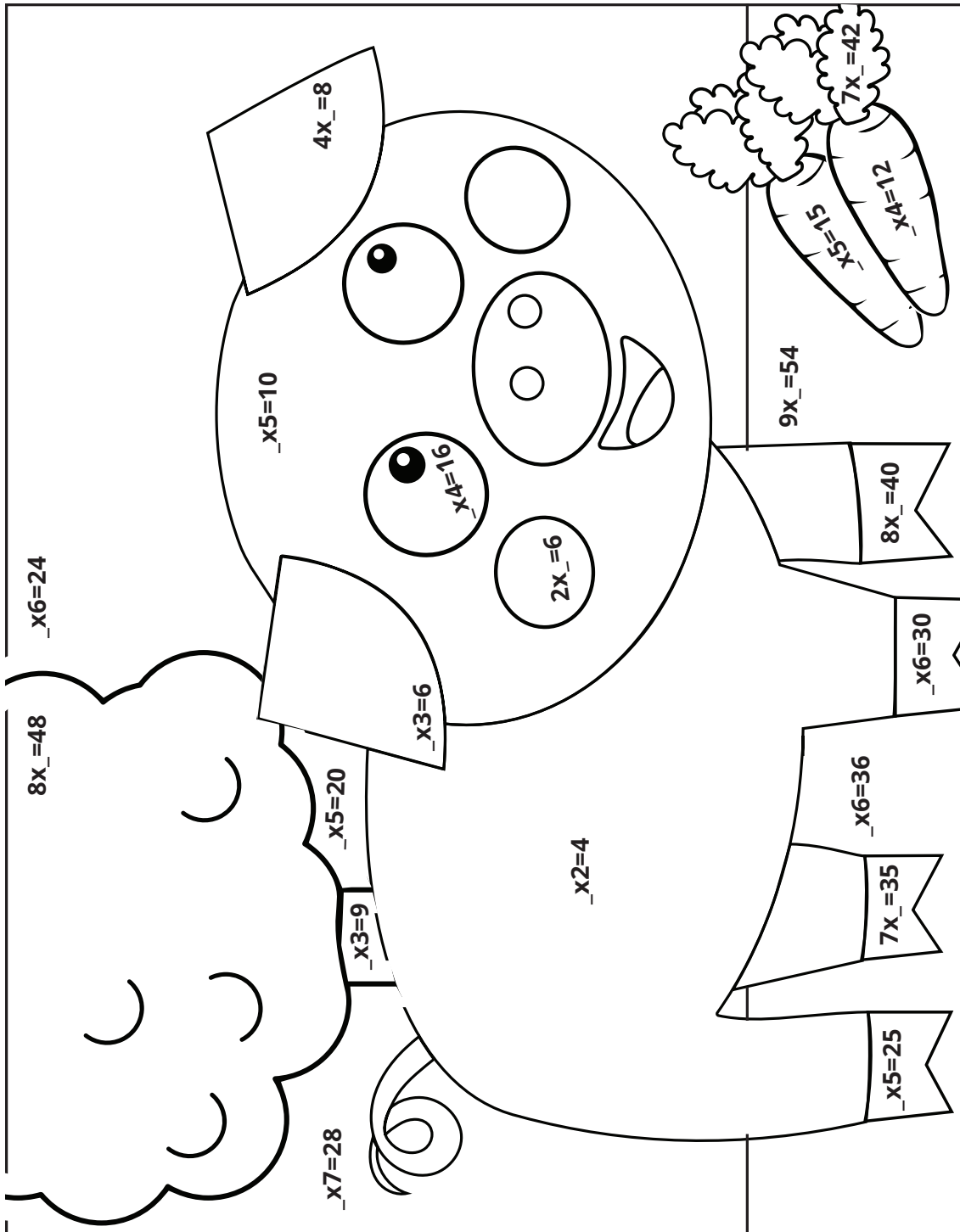
Word Bank

- TAIL
- LEG
- EYE
- NOSE
- EAR
- MOUTH



MATH PROBLEM SOLVER

Michigan is home to about 2,000 pig farms; these farmers make sure their pigs are happy and healthy every day. Use your math skills to solve each equation. Color each section based on the colors in the Color Bank.



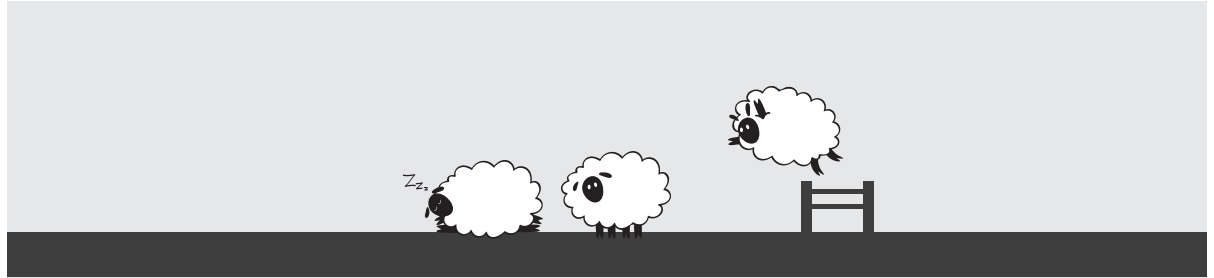
Color Bank

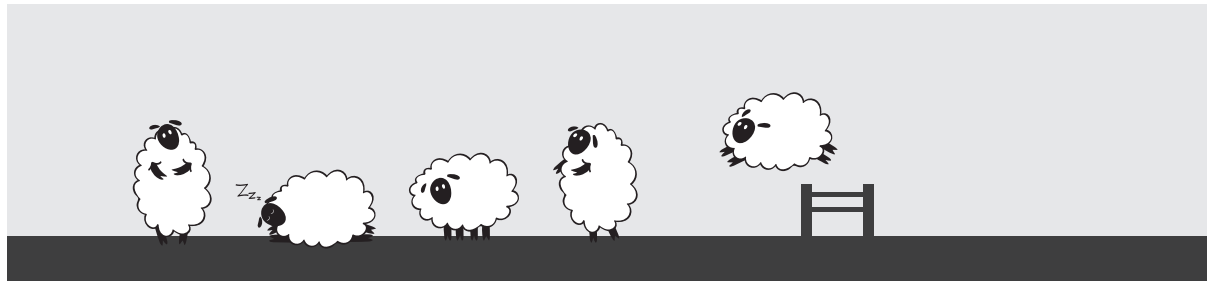
- 2 = PINK
- 3 = ORANGE
- 4 = BLUE
- 5 = PURPLE
- 6 = GREEN

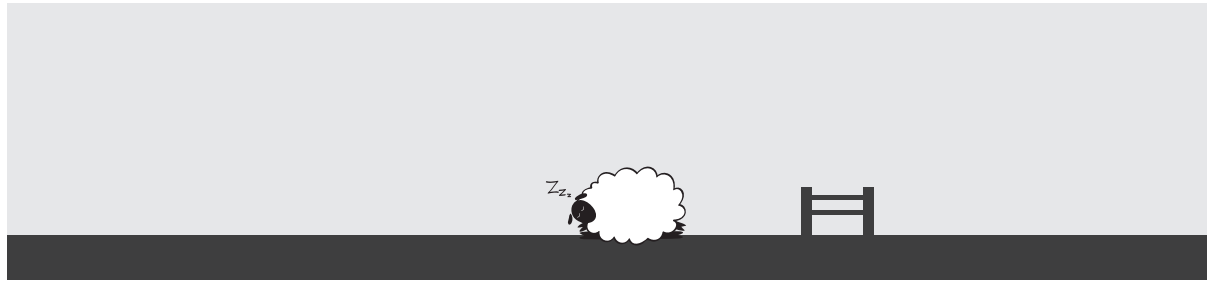
COUNTING SHEEP

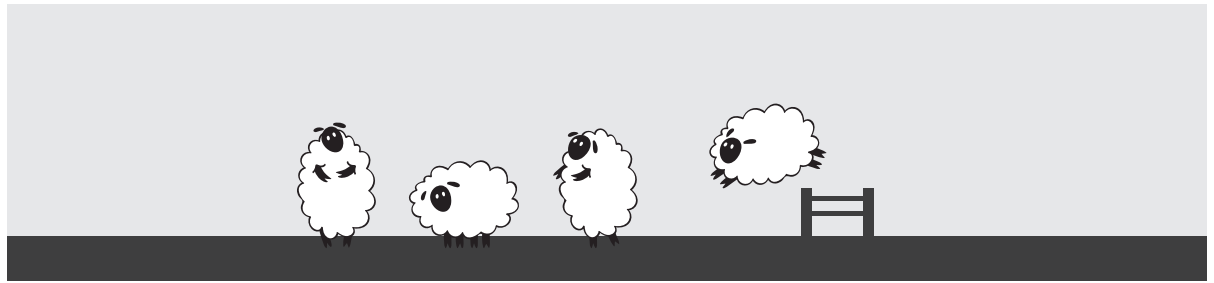
Some Michigan farmers raise sheep for the wool they produce. Like us, sheep need haircuts too! By shearing the lambs, the farmer can use the wool for things like clothing!

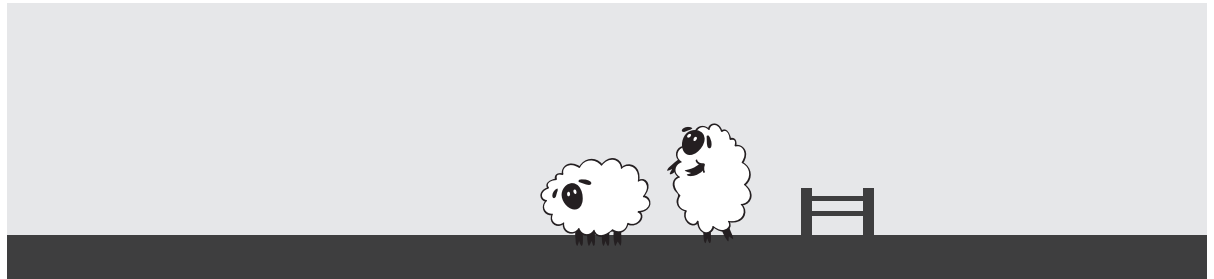
In each picture below, count the sheep who have jumped over the fence and write the answer on the line provided.











IDENTIFYING THE PARTS OF A SHEEP!

Some Michigan farmers raise sheep for the wool they produce. Like us, sheep need haircuts too! By shearing the sheeps, the farmer can use the wool for things like clothing!

Can you identify the parts of a baby sheep (a lamb) listed below?

Word Bank

HEAD

EYES

EARS

MUZZLE (NOSE)

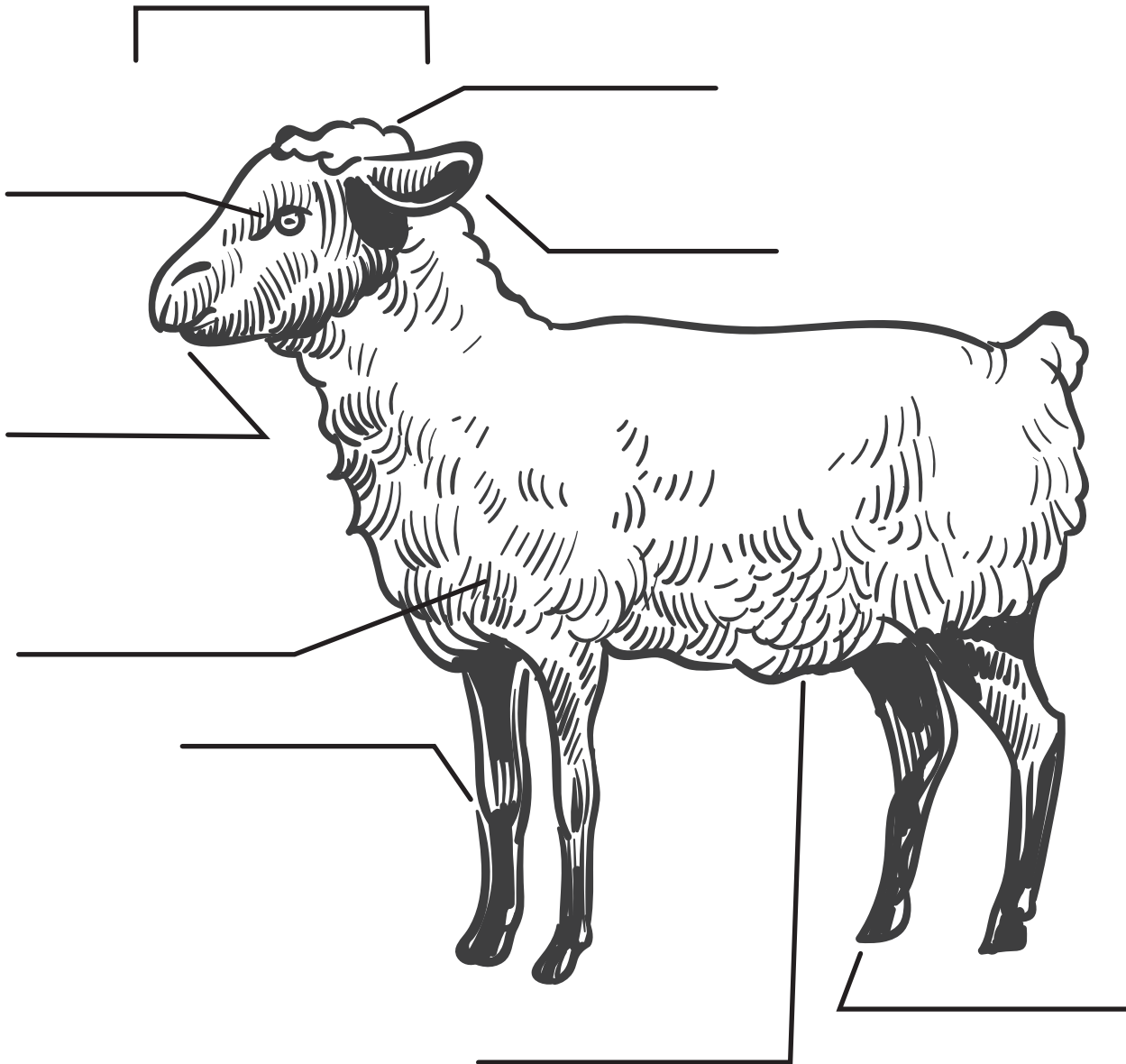
POLL (TOP OF HEAD)

KNEE

HOOF

BELLY

SHOULDER



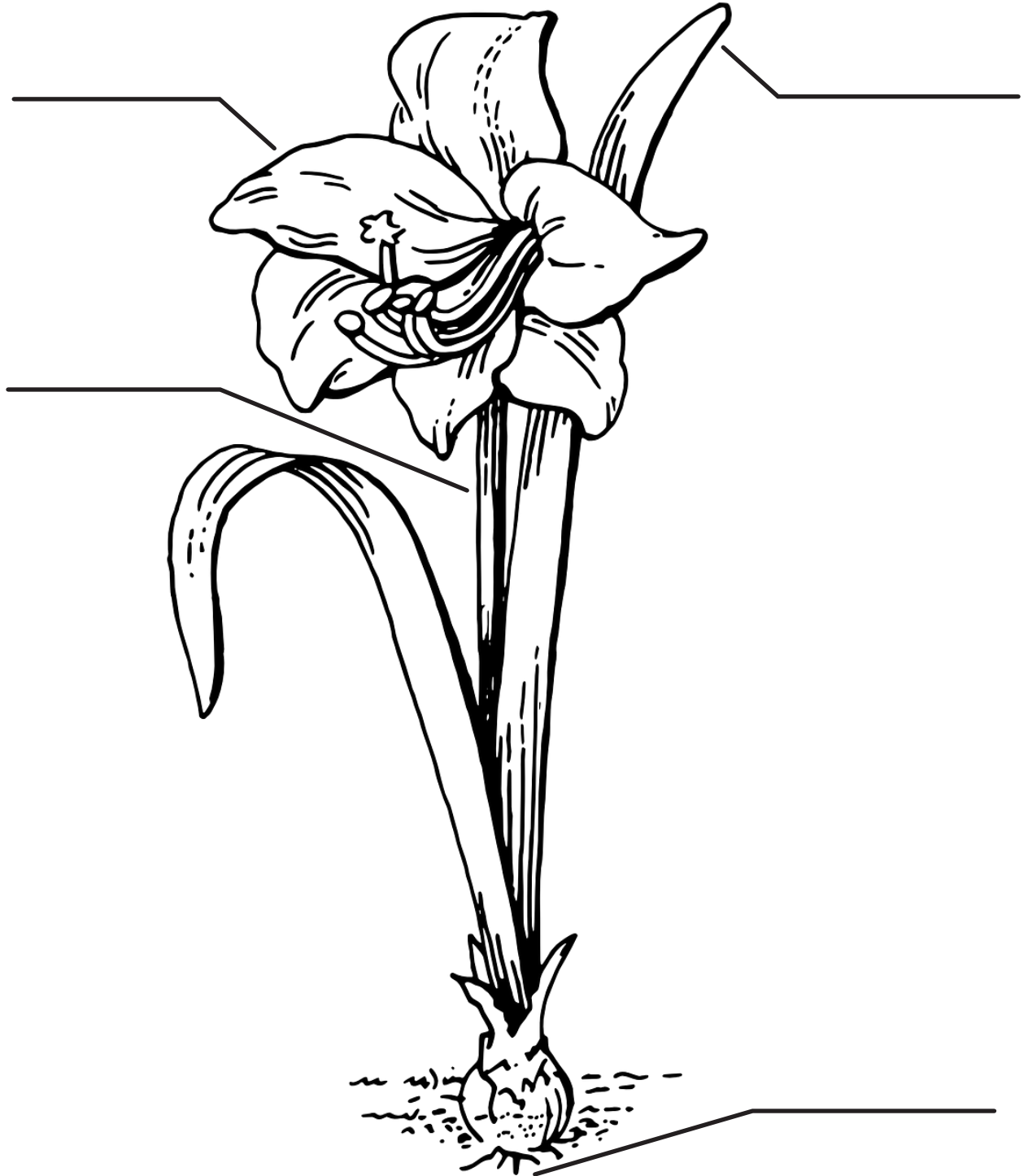
THE PARTS OF A PLANT

Michigan farmers raise many kinds of flowers each year. These plants are typically grown in greenhouses with glass walls and a glass roof to keep the inside warm, which means farmers can grow plants all year round!

Using the word bank below, label the four main plant parts.

Word Bank

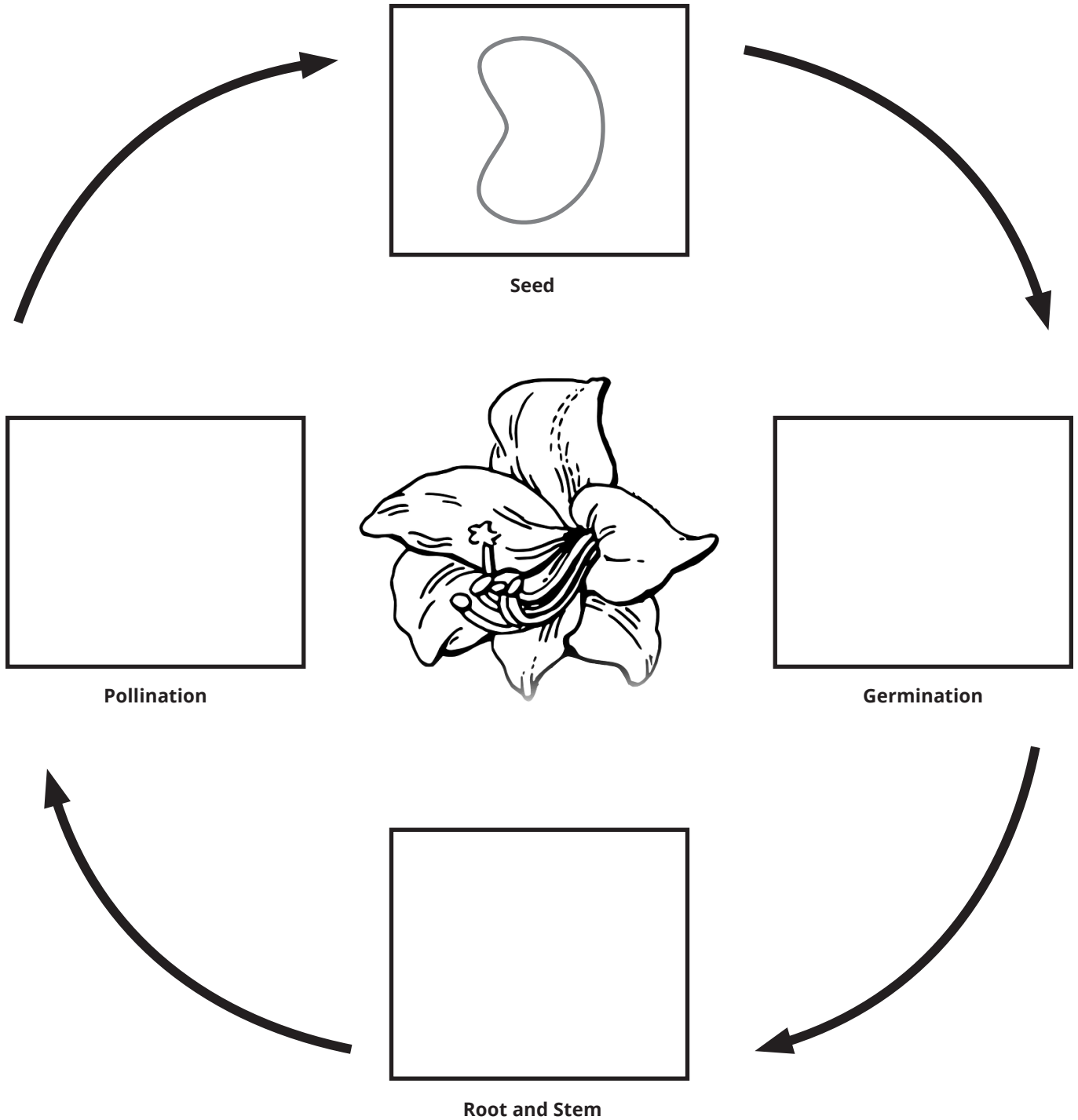
- STEM
- LEAF
- PETALS
- ROOTS



A FLOWER'S LIFE CYCLE!

Michigan farmers raise many kinds of flowers each year! These plants are typically grown in greenhouses with glass walls and a glass roof to keep the inside warm, which means farmers can grow plants all year round!

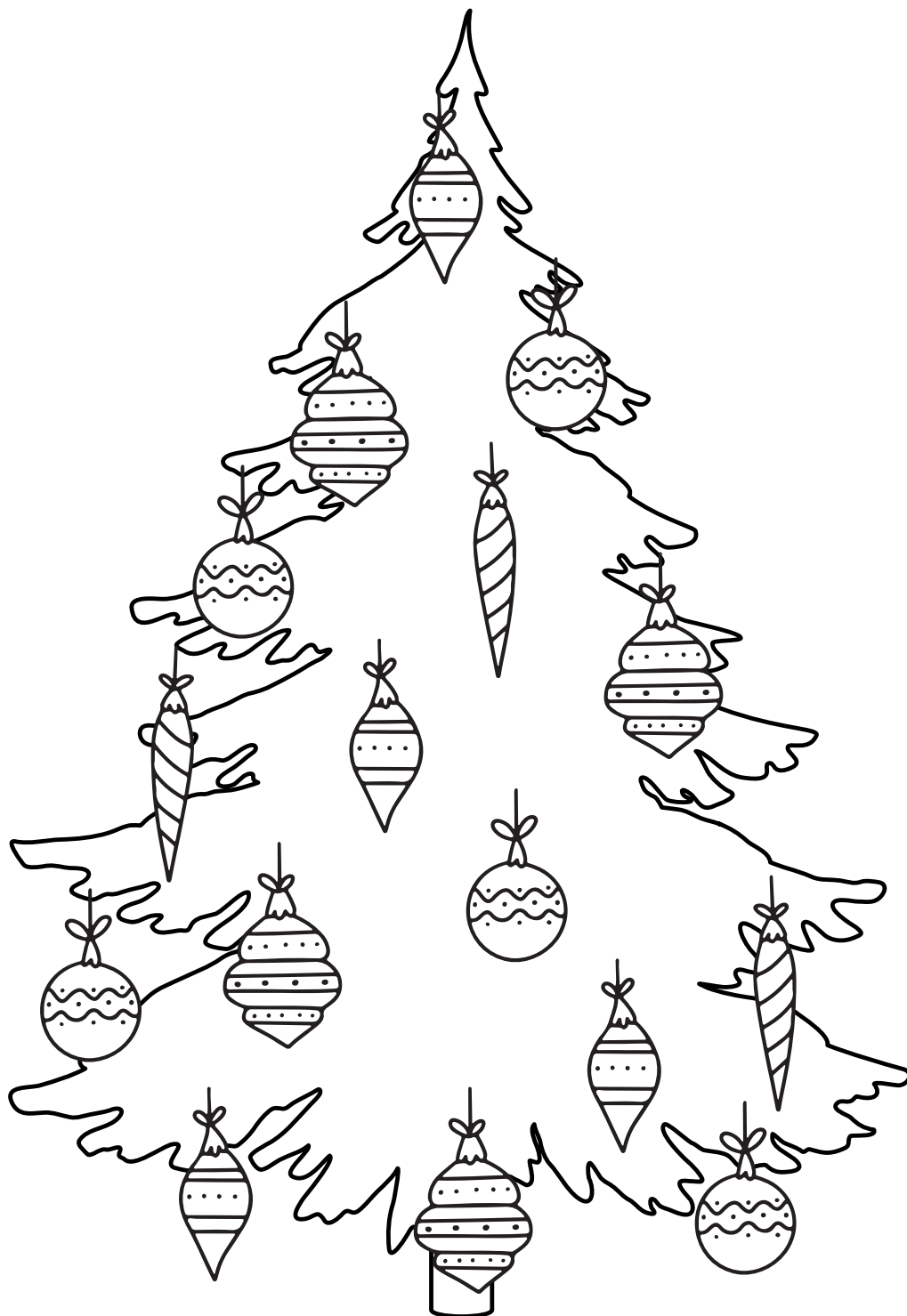
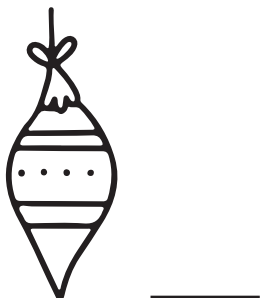
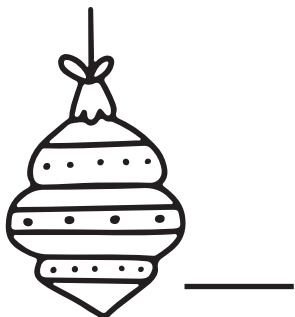
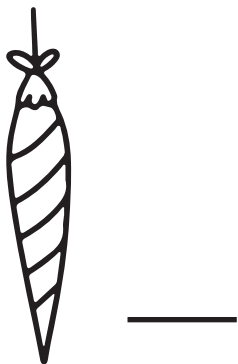
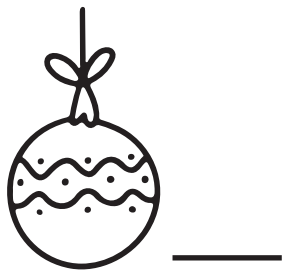
Draw each step of a flower's life cycle in the boxes below! One step has been done for you.



CHRISTMAS TREE COUNTING!

On average it takes Michigan Christmas tree farmers seven years to grow each tree! Michigan is one of the top growers of Christmas trees in the nation.

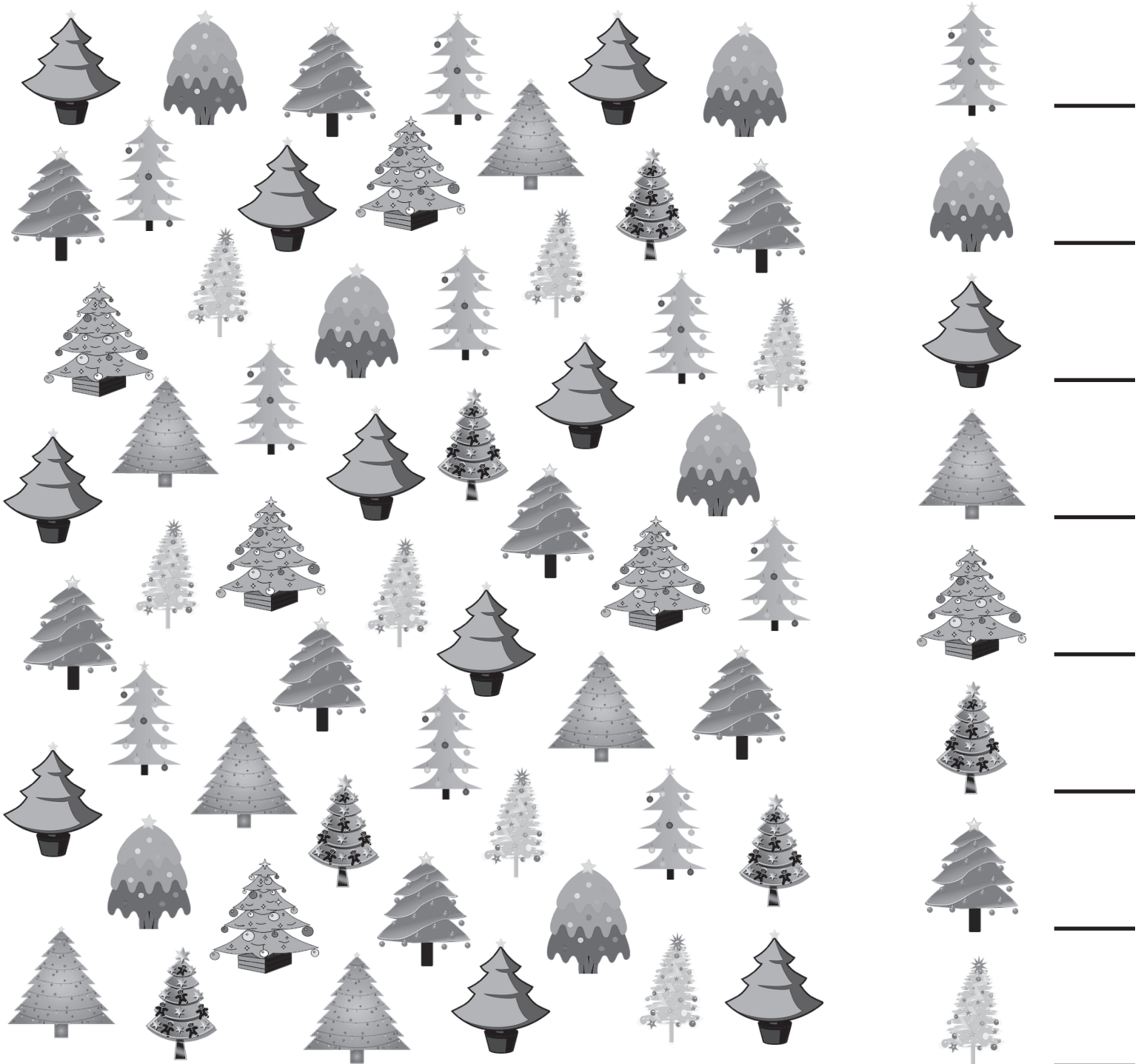
Can you count the number of each type of Christmas ornament hung on the tree below? Once you are done counting, color your tree!



CHRISTMAS TREE | SPY

On average it takes Michigan Christmas tree farmers seven years to grow each tree! Michigan is one of the top growers of Christmas trees in the nation.

Can you count how many of each tree is shown below?



Adventures in Michigan Agriculture

ACTIVITY BOOK

