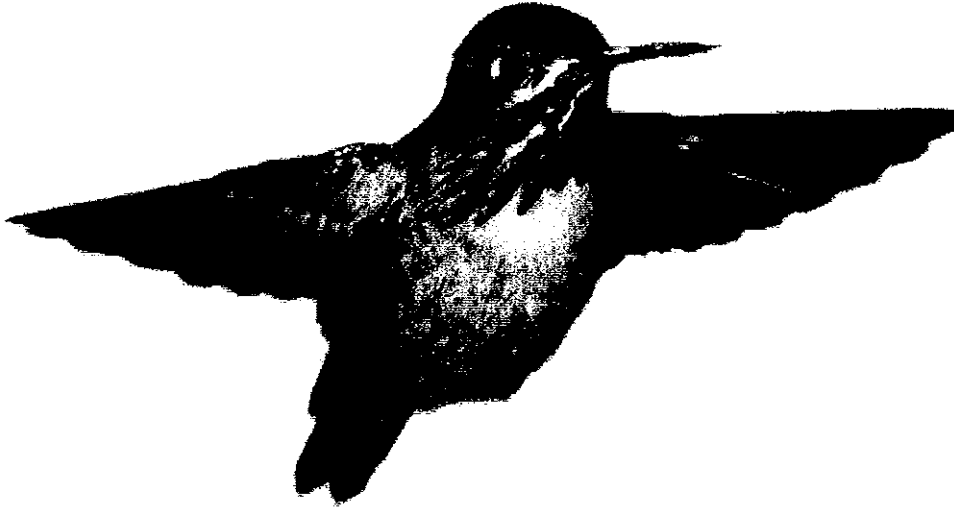


Day # 6

Follow Those Hummingbirds!

This text is provided courtesy of the National Audubon Society.



Richard Pick

Scientists are studying hummingbirds to find out more about how they live and the migration paths they follow. One thing they're concerned about is climate change. Along hummingbirds' migratory routes, different plants bloom just in time for the hungry travelers to grab a meal. What if warmer spring temperatures cause flowers to bloom earlier than usual? The flowers could finish blooming before the hummingbirds arrive. No flowers would mean no nectar. How would that affect the migration of hummingbirds, and even their survival?

Scientists are not the only ones fascinated by these busy birds! Many people attract hummingbirds to their yards and parks by planting flowers hummingbirds like. Others hang up hummingbird feeders. And they're helping with scientific research, too. Across the Americas, many people keep track of hummers they see and report the results to scientists. You can too! Become a citizen scientist by taking part in Audubon's "Hummingbirds at Home" project. Check out this website to find out how you can track, report on, and follow hummingbirds' spring migration: hummingbirdsathome.org

Name: _____ Date: _____

1. When studying hummingbird migration pathways, what are scientists concerned about?

- A. Scientists are concerned about hummingbird feeders.
- B. Scientists are concerned about people planting flowers.
- C. Scientists are concerned about climate change.
- D. Scientists are concerned about the "Hummingbirds at Home" project.

2. What does this text describe?

- A. This text describes the best food to give to a hummingbird, whether it be planting new flowers or putting up new hummingbird feeders.
- B. This text describes the way climate change might affect hummingbird migration paths and what we can do to help.
- C. This text describes the migration paths that hummingbirds have been following for hundreds of years.
- D. This text describes the reasons flowers bloom earlier and the science behind the process.

3. Scientists are not the only ones fascinated by these busy birds!

What evidence from the text supports this statement?

- A. Many people attract hummingbirds to their yards and parks by planting flowers hummingbirds like.
- B. Scientists are studying hummingbirds to find out more about how they live and the migration paths they follow.
- C. One thing scientists are concerned about is climate change.
- D. Along hummingbirds' migratory routes, different plants bloom just in time for the hungry travelers to grab a meal.

4. According to the text, scientists believe that climate change could change the blooming patterns of flowers. Based on the information in the text, what do you think will most likely happen to hummingbirds if this is true?

- A. Nothing will change.
- B. Hummingbirds will stop migrating.
- C. Hummingbirds will become extinct.
- D. Hummingbirds will change their migration paths.

5. What is the main idea of this text?

- A. Climate change is making plants bloom at different times.
- B. Climate change is potentially changing the migration routes of hummingbirds through altering blooming schedules.
- C. Scientists enjoy learning about hummingbirds and their migration patterns.
- D. Many people attract hummingbirds to their yards and parks by planting flowers hummingbirds like.

1. Correct any mistakes or write "correct."

$81 \div 9 = 9$ _____

2. Correct any mistakes or write "correct."

$155 - 138 = 117$ _____

3. Estimate the sum of 32, 29, 33, and 28.

4. List all the factors of 16.

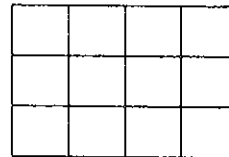
5. Lynn was picking flowers to make a bouquet for her grandmother. She picked 5 roses, 6 daisies, and 7 daffodils. How many flowers were in the bouquet?

1. $8 \overline{)24}$

2.
$$\begin{array}{r} 43 \\ \times 2 \\ \hline \end{array}$$

3. Which is larger, 0.3 or 0.8?

4. What is the area of this rectangle?



5. Alec has five shelves in his closet, each filled with toys. If there are 9 toys on each shelf, how many toys are there altogether?

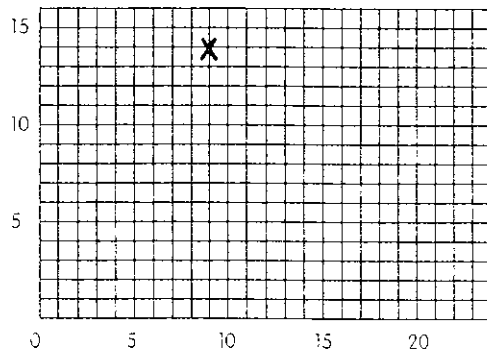
1. Add a sign.

$$9 - 6 - 8 = 12$$

2. Add a sign.

$$3 - 6 - 4 = 32$$

3. What are the coordinates of point X on this graph?



4. If $Y = 4$, then what does $Y + Y$ equal?

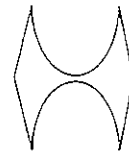
5. Lindy had 23 beanbags and gave 7 to her friend Shelley. How many does Lindy have left?

1. $24 \div 3 =$ _____

2.
$$\begin{array}{r} 110 \\ \times 7 \\ \hline \end{array}$$

3. Write 0.25 as a fraction.

4. How many lines of symmetry does this figure have?

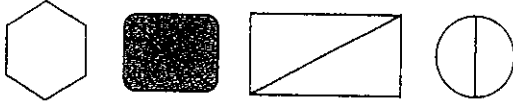


5. Randy and Michelle were climbing trees and picking apples to help their mom make some pies. She said she wanted to make 9 pies and that she needed about 4 apples for each pie. How many apples do Randy and Michelle need to pick in order to have enough for the pies?

These figures are all Nowats:



None of these are Nowats:



What makes something a Nowat? According to your definition, draw three other figures that are Nowats.

How many did you get correct each day? Color the squares.

5					
4					
3					
2					
1					
	Monday	Tuesday	Wednesday	Thursday	Friday

Name _____

Time _____

Number Correct _____/50

Multiplication • x 5, x 6, x 7, x 8, and x 9

$$\begin{array}{r} 9 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 9 \\ \hline \end{array}$$

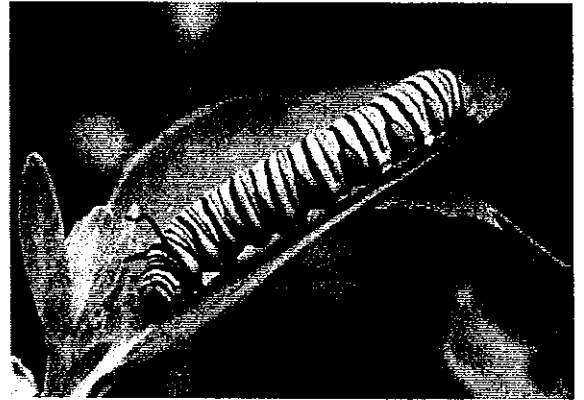
Day # 7

Name: _____

Monarch Butterflies: Beautiful But Poisonous

by Kelly Hashway

If you've ever seen a monarch butterfly, then you've probably noticed their bright orange and black colors. It makes them easy to see in the sky. You may think this would put the Monarch in harm from predators, but these bright colors are actually what protect the butterfly. Monarchs eat a plant called milkweed, which is why they are sometimes called



"milkweed butterflies." Milkweed contains toxins that are not poisonous to Monarchs but are poisonous to other living things. These toxins that are a regular part of the Monarch butterfly's diet make them poisonous to predators. A bird flying through the sky will leave the flashy colored Monarch alone because it knows those bright colors mean the Monarch is poisonous.

Monarch butterflies actually begin eating milkweed as larvae. As you probably know, butterflies begin as caterpillars. Monarch butterflies lay eggs on milkweed plants, and when an

egg hatches, the young caterpillar, or larva, begins to eat the milkweed. The caterpillar will eat the plant for about two weeks and grow to approximately two inches long. The caterpillar will then spin a silk pad and attach itself upside-down to a twig or leaf. Next it sheds its yellow, black, and white striped skin. This is the first step in the caterpillar's transformation to a butterfly.



Underneath the old skin of the caterpillar is a hard layer of skin called a chrysalis. The caterpillar will keep this chrysalis, or pupa, around its body and stay inside it for two weeks while it changes into a Monarch butterfly. The chrysalis will become transparent when the butterfly is ready to emerge. The Monarch uses the blood in its body to inflate its wings. Then it will hang in that same spot for hours until its wings dry and it can fly.

Monarch butterflies can live for very different lengths of time depending on what time of year they emerge from their chrysalis and become adult butterflies. If a Monarch reaches adulthood in early summer, it will most likely live for only two to five weeks. But if the Monarch becomes an adult at the end of the summer months, it will migrate south and live for about eight to nine months.

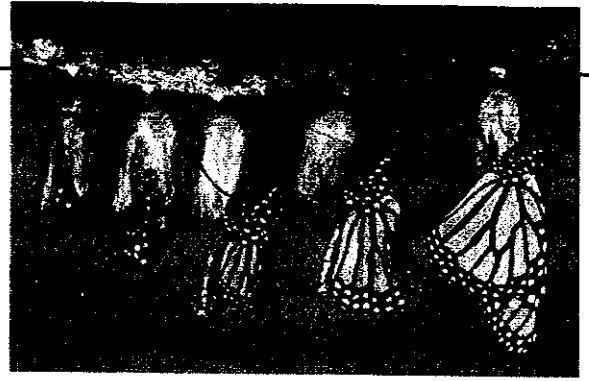
Monarchs can be found all over the world in tropic and sub-tropic areas. And if you'd like to observe them in your own yard, plant milkweed and wait for the Monarchs to come for a feast.



Name: _____

Monarch Butterflies: Beautiful But Poisonous

by Kelly Hashway



1. What is a butterfly larva called?
 - a. caterpillar
 - b. chrysalis
 - c. pupa
 - d. a Monarch
2. About how long is a Monarch in the larvae stage? _____
3. Which would be the best way to attract Monarch butterflies to your yard?
 - a. place a dish of fruit on the lawn
 - b. plant milkweed in the yard
 - c. cut down large trees
 - d. place a small pool with water in the yard
4. Explain how a Monarch butterfly's bright colors help to protect it from predators.

5. Re-read these sentences from the article.

Next it sheds its yellow, black, and white striped skin. This is the first step in the caterpillar's transformation to a butterfly.

Which is the best definition for the underlined word.
 - a. grow older
 - b. sleep
 - c. remove
 - d. change

Name: _____

Monarch Butterflies: Beautiful But Poisonous

Vocabulary Activity



Fill in the missing letters to create a vocabulary word from the story. Then write the full word on the line. Be sure you spell each word correctly.

1. ____ r y ____ i ____

hint: pupa stage of a butterfly

2. ____ r a n ____ e n ____

hint: see-through; clear

3. ____ n f ____

hint: to fill up

4. ____ i g ____

hint: to move to another place

5. ____ w i ____

hint: small branch

6. ____ e a ____ t

hint: a large meal

7. ____ o ____ i ____ s

hint: poisons

1. Correct any mistakes or write "correct."

$4 \times 24 = 88$ _____

2. Correct any mistakes or write "correct."

$18 \div 6 = 3$ _____

3. Is 35 prime or composite?

4. What is the inverse of division?

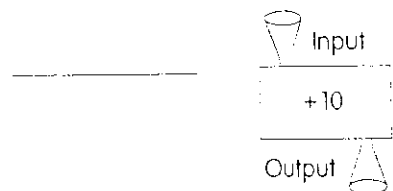
5. As Dean was finishing his homework last night, he realized that he had done 8 pages of math. If there were 60 problems in all, how many problems were on each page?

1. $4 \overline{)40}$

2.
$$\begin{array}{r} \frac{7}{8} \\ - \frac{5}{8} \\ \hline \end{array}$$

3. Which is larger, $\frac{1}{2}$ or $\frac{1}{4}$?

4. Using this function machine, if you input 8, the output would be 18. What would the output be if the input is 12?



5. Karen was mailing 6 letters to her friends when she learned that the postage for each letter had gone up to 37c. How much is it going to cost Karen to mail her letters?

1. Add a sign.

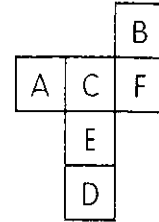
$$3\ 5\ 1\ 1 = 46$$

2. Add a sign.

$$7\ 1\ 0 = 70$$

3. I am a number between 10 and 25. I am a multiple of 8, and one of my digits is a 2. What number am I?
- _____

4. When this is folded into a cube, which letter is on the side opposite the D?



5. Pamela is collecting stickers from different states in the United States. She has some from 34 states. If she wants to get stickers from every state, how many more does she need to get?
- _____

1.
$$\begin{array}{r} 105 \\ \times 9 \\ \hline \end{array}$$

2. $36 \div 9 =$ _____

3. How many cups are in 3 quarts?
- _____

5. When Carmen got up this morning, it was 42 degrees outside. By 2:00 in the afternoon, the temperature had risen 39 degrees. What was the temperature at 2:00?
- _____

Austin has a coupon for 50% off at King Grocery. He can buy a video there whose original price is \$14.98. Another store, Safemart, has the same video on sale for \$7.99.

Which store has the better buy? Why?

How many did you get correct each day? Color the squares.

5					
4					
3					
2					
1					
	Monday	Tuesday	Wednesday	Thursday	Friday

Name _____

Time _____

Number Correct _____ / 50

Division Facts • \div 1's, 2's, 3's, and 4's

$1 \overline{)3}$

$2 \overline{)6}$

$3 \overline{)9}$

$4 \overline{)0}$

$1 \overline{)5}$

$1 \overline{)9}$

$2 \overline{)18}$

$3 \overline{)0}$

$4 \overline{)12}$

$2 \overline{)2}$

$1 \overline{)7}$

$2 \overline{)8}$

$3 \overline{)21}$

$4 \overline{)16}$

$1 \overline{)9}$

$1 \overline{)1}$

$2 \overline{)4}$

$3 \overline{)12}$

$4 \overline{)20}$

$3 \overline{)12}$

$1 \overline{)4}$

$2 \overline{)12}$

$3 \overline{)18}$

$4 \overline{)36}$

$2 \overline{)16}$

$1 \overline{)8}$

$2 \overline{)10}$

$3 \overline{)3}$

$4 \overline{)4}$

$4 \overline{)8}$

$1 \overline{)6}$

$2 \overline{)0}$

$3 \overline{)15}$

$4 \overline{)24}$

$1 \overline{)5}$

$1 \overline{)0}$

$2 \overline{)2}$

$3 \overline{)6}$

$4 \overline{)8}$

$2 \overline{)16}$

$1 \overline{)5}$

$2 \overline{)12}$

$3 \overline{)27}$

$4 \overline{)28}$

$4 \overline{)32}$

$1 \overline{)2}$

$2 \overline{)14}$

$3 \overline{)24}$

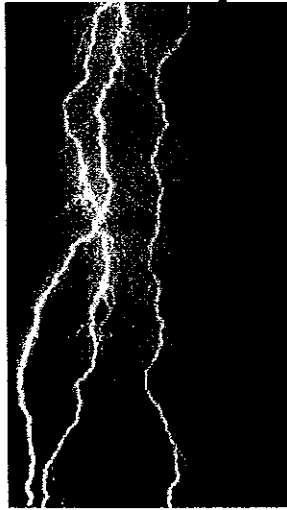
$4 \overline{)16}$

$4 \overline{)20}$

Day # 8

When Lightning Strikes

Thunder provides a wake-up call to head indoors.



World Almanac for Kids

"When thunder roars, go indoors," says meteorologist Ron Holle.

Scientists say lightning strikes the surface of Earth about 100 times each second. Thunderstorms are most frequent during the spring and summer. Experts warn people to be especially aware of the dangers of lightning during those seasons.

Forces of Nature

Lightning is the flash of light that occurs when electricity moves between clouds or between a cloud and the ground. The huge spark of electricity is like the tiny kind you get when you run a comb through your hair or scuff your feet on a carpet—only much stronger.

A lightning bolt that crackles through the air can reach a temperature of 60,000 degrees Fahrenheit. That is about five times hotter than the sun! The intense heat from lightning causes the surrounding air to expand, resulting in the loud sound known as thunder.

Thunder is nature's warning to head indoors. As meteorologist Ron Holle from Tucson, Arizona told *Weekly Reader*, "When thunder roars, go indoors." A meteorologist is a scientist who studies weather.

Holle also recommends following the 30-30 rule. If you hear thunder fewer than 30 seconds after you see lightning, head indoors—the storm is only about 6 miles away. After the storm

ends, wait 30 minutes before going outside. To determine how far away lightning is, count the seconds between the flash and the thunder. Every 10 seconds equals 2 miles.

Play It Safe

Lightning strikes the ground in the United States about 25 million times each year! Although getting hit by lightning is unlikely, it is important to stay safe. In the United States, about 60 people are killed each year by lightning.

To stay safe, follow the golden rule-head for cover. "There is no place outside that is safe from lightning," Holle said firmly. "There are two safe places-inside a [permanent] building or a metal-topped vehicle."

Lightning Safety Tips

Lightning expert Ron Holle shared the following tips with *Weekly Reader*:

- Find shelter in a building or a metal-topped vehicle (not a convertible), and close the windows.
- If you're caught outdoors, stay away from open spaces, and avoid standing near tall objects, such as trees.
- Avoid using electrical equipment, such as computers, TVs, and phones. (Cell phones are safe to use.)
- Stay away from sinks and showers. Lightning can travel through water pipes.
- Wait 30 minutes after the last sound of thunder or flash of lightning before going outside.

Name: _____ Date: _____

1. What is the golden rule of lightning safety?

- A. Don't stand under trees.
- B. Avoid using electronics.
- C. Stay away from open spaces.
- D. Head for cover.

2. What does the author describe at the end of the passage?

- A. how to stay safe from lightning
- B. how lightning is created
- C. how thunder is created
- D. what a meteorologist is

3. The time between a lightning strike and thunder indicates the distance of the storm.

What evidence from the passage supports this conclusion?

- A. "Thunder is nature's warning to head indoors."
- B. "Count the seconds between the flash and the thunder. Every 10 seconds equals 2 miles."
- C. "Wait 30 minutes after the last sound of thunder or flash of lightning before going outside."
- D. "If you hear thunder fewer than 30 seconds after you see lightning, head indoors."

4. "Find shelter in a building or a metal-topped vehicle (not a convertible), and close the windows."

Based on this safety tip, what can you conclude about the safety of cars during lightning?

- A. All cars, regardless of type, will protect you from lightning.
- B. Cars are less safe than buildings during lightning.
- C. The rubber tires of a car protect you from lightning.
- D. The metal roof of a car protects you from lightning.

5. What is this passage mostly about?

- A. why lightning storms are dangerous
- B. the relationship between thunder and lightning
- C. facts about lightning and safety tips
- D. how meteorologists study the weather

6. Read the following sentence: "The intense heat from lightning causes the surrounding air to expand, resulting in the loud sound known as thunder."

What does the word "resulting" mean?

- A. to allow someone to do something
- B. to become smaller
- C. to make a quiet noise
- D. to cause something to happen

7. Choose the answer that best completes the sentence below.

It is important to stay safe during thunderstorms, _____ it is unlikely that you will be struck by lightning during your lifetime.

- A. initially
- B. moreover
- C. in summary
- D. even though

8. Define lightning.

9. What is the 30-30 rule?

10. Explain how the timing between lightning and thunder can help you stay safe during a thunderstorm.

1. Correct any mistakes or write "correct."

$5 \times 40 = 200$ _____

2. Correct any mistakes or write "correct."

$157.4 - 92.9 = 64.5$ _____

3. What place value does the 8 have in 15.8?
- _____

4. Fill in the correct symbol.

$< = >$

$73 \bigcirc 7.4$

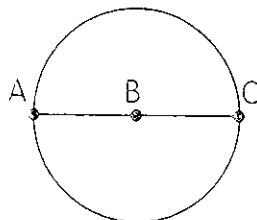
5. Fred is collecting shells on the beach. If he finds a shell every three steps that he takes, how many shells will he find after taking 30 steps?
- _____

1. $10 \div 5 =$ _____

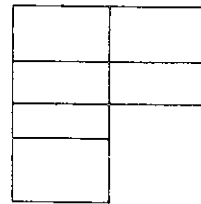
2.
$$\begin{array}{r} 141 \\ \times 7 \\ \hline \end{array}$$

3. Name the radius.
- _____

Name the diameter.



4. How many rectangles are in this figure?



5. Isabelle is going across the monkey bars at school. There are 16 bars on the monkey bars. If she starts with the first bar and skips two bars each time she swings, how many bars will Isabelle touch in all?
- _____

1. Add a sign.

$$1\ 2\ 3\ 8 = 131$$

2. Add a sign.

$$1\ 5\ 4\ 1\ 2 = 142$$

3. How much are 15 dimes worth?

4. Mark an **X** on the number line to show 13.



5. Seth was digging up weeds in his backyard. His dad agreed to pay him 5¢ for each weed he pulls. If he pulls 208 weeds, how much will his dad pay him?

1. $10 \overline{)20}$

2.
$$\begin{array}{r} 106 \\ \times 8 \\ \hline \end{array}$$

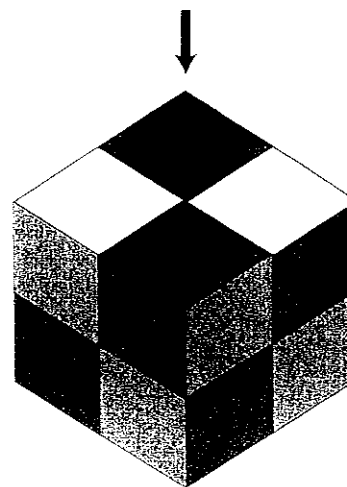
3. How do you know if a number is divisible by 5?

4. A soup recipe calls for $1\frac{1}{4}$ pounds of pinto beans. The package of beans is labeled 28 ounces. Is that enough?

5. Shirley is going to the store to buy a can of soup for her mom. A 3-ounce can of soup costs 33¢, and a 12-ounce can of soup costs \$1.20. Which one is the better buy?

This cube contains 8 cubes. The four sides of each cube are shaded light gray and dark gray (opposite sides are shaded the same). The top and bottom alternate white and black.

Sketch and shade what you think the cube would look like if you were looking at it from where the arrow is pointing.



How many did you get correct each day? Color the squares.

5					
4					
3					
2					
1					
	Monday	Tuesday	Wednesday	Thursday	Friday

Name _____

Time _____

Number Correct _____ / 100

Division Facts • ÷ 3's

$3 \overline{)6}$ $3 \overline{)9}$ $3 \overline{)18}$ $3 \overline{)27}$ $3 \overline{)0}$ $3 \overline{)9}$ $3 \overline{)12}$ $3 \overline{)21}$ $3 \overline{)15}$ $3 \overline{)18}$

$3 \overline{)15}$ $3 \overline{)12}$ $3 \overline{)24}$ $3 \overline{)9}$ $3 \overline{)12}$ $3 \overline{)18}$ $3 \overline{)21}$ $3 \overline{)6}$ $3 \overline{)0}$ $3 \overline{)12}$

$3 \overline{)0}$ $3 \overline{)6}$ $3 \overline{)27}$ $3 \overline{)24}$ $3 \overline{)9}$ $3 \overline{)21}$ $3 \overline{)3}$ $3 \overline{)9}$ $3 \overline{)18}$ $3 \overline{)15}$

$3 \overline{)27}$ $3 \overline{)15}$ $3 \overline{)12}$ $3 \overline{)24}$ $3 \overline{)0}$ $3 \overline{)18}$ $3 \overline{)9}$ $3 \overline{)6}$ $3 \overline{)21}$ $3 \overline{)3}$

$3 \overline{)6}$ $3 \overline{)24}$ $3 \overline{)9}$ $3 \overline{)3}$ $3 \overline{)27}$ $3 \overline{)21}$ $3 \overline{)12}$ $3 \overline{)0}$ $3 \overline{)24}$ $3 \overline{)15}$

$3 \overline{)21}$ $3 \overline{)27}$ $3 \overline{)0}$ $3 \overline{)15}$ $3 \overline{)9}$ $3 \overline{)24}$ $3 \overline{)6}$ $3 \overline{)18}$ $3 \overline{)3}$ $3 \overline{)12}$

$3 \overline{)12}$ $3 \overline{)6}$ $3 \overline{)18}$ $3 \overline{)3}$ $3 \overline{)24}$ $3 \overline{)0}$ $3 \overline{)21}$ $3 \overline{)9}$ $3 \overline{)15}$ $3 \overline{)27}$

$3 \overline{)24}$ $3 \overline{)27}$ $3 \overline{)6}$ $3 \overline{)21}$ $3 \overline{)6}$ $3 \overline{)27}$ $3 \overline{)12}$ $3 \overline{)15}$ $3 \overline{)24}$ $3 \overline{)0}$

$3 \overline{)9}$ $3 \overline{)24}$ $3 \overline{)12}$ $3 \overline{)24}$ $3 \overline{)18}$ $3 \overline{)9}$ $3 \overline{)27}$ $3 \overline{)18}$ $3 \overline{)3}$ $3 \overline{)12}$

$3 \overline{)6}$ $3 \overline{)0}$ $3 \overline{)21}$ $3 \overline{)9}$ $3 \overline{)3}$ $3 \overline{)21}$ $3 \overline{)0}$ $3 \overline{)27}$ $3 \overline{)15}$ $3 \overline{)9}$

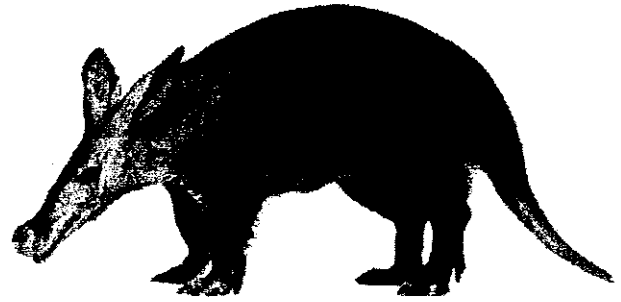
Day #9

Name: _____

The Unusual Aardvark

by Guy Belleranti

If you've ever read Marc Brown's picture books, you know about a fictional aardvark named Arthur. But have you ever wondered what a real-life aardvark is like? They're found in Africa, and they really don't look much like the characters in Marc Brown's books.



The name aardvark actually means *earth pig*. Why give the animal a name like this? Well, the aardvark has a talent for digging in earth. Its snout, small amount of hair and short, powerful legs are pig-like.

In addition, the aardvark has a hairless kangaroo-like tail, jackrabbit-like ears and a long anteater-like head and tongue. But except for being a mammal, the aardvark isn't related to pigs, kangaroos, jackrabbits or anteaters. It does, however, have a diet similar to anteaters. Like an anteater it uses the strong claws on its feet to dig into termite mounds and anthills. Then it slurps up the insects with its long sticky tongue. The aardvark can even shut its nostrils to keep both the biting insects and dust out. The animal's thick skin also provides protection from insect bites.

Unlike anteaters, the adult aardvark does have some teeth. But they're not the teeth of most mammals. They have no canines or incisors, only molar cheek-teeth.

While the aardvark does occasionally warm itself in the sun, it is primarily nocturnal. When night falls it comes out of its burrow using its great sense of smell to find an insect dinner.

The aardvark digs many burrows in its home range, using them as places to sleep and hide. When it abandons a burrow other animals such as squirrels, porcupines, hares, monitor lizards or birds often move in.

The aardvark's long tubular ears can rotate to help it listen for predators like leopards, lions, cheetahs, hyenas and wild dogs. Some people also hunt the animal.

Its best defense is to quickly dig and hide in a burrow. An aardvark can also use its tail as a club and use its sharp claws to fight back. And this is not a small animal. Adults usually weigh over 100 pounds, with males reaching as much as 170 pounds.

The aardvark is a solitary animal, coming together with other aardvarks only for mating. Usually a mother aardvark has only one baby at a time. The baby remains in the burrow for about two weeks. Then it begins searching for food with its mother. Young males go off on their own when they're six months old. Young females often stay near until the next baby is born.

About the Author

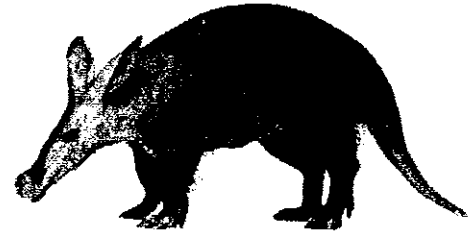
Guy Belleranti works as a docent at Reid Park Zoo in Tucson, Arizona. The information in this article comes mainly from his experiences working with animals and teaching others.

Name: _____

The Unusual Aardvark

by Guy Belleranti

1. On which continent do aardvarks live?



2. Complete the graphic organizer.

Three Ways a Pig's Body and an Aardvark's Body Are Similar (According to the Information in the Article)		
1.	2.	3.

3. An aardvark can shut its nostrils. Explain how this helps it survive.

4. Why do aardvarks dig burrows?
- a. so they can find water
 - b. so they can find food underground
 - c. so they have a safe place to hide from predators
 - d. all of the above

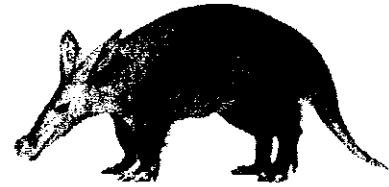
5. Name five predators of the aardvark.

Name: _____

The Unusual Aardvark

by Guy Belleranti

Match each vocabulary word from the article with the correct definition.



_____ 1. fictional

a. long and round

_____ 2. nostrils

b. rabbit-like animals

_____ 3. occasionally

c. animals known for their sharp quills

_____ 4. abandons

d. holes or openings in the nose

_____ 5. porcupines

e. heavy stick used as a weapon

_____ 6. hares

f. not real; made-up

_____ 7. tubular

g. leaves

_____ 8. club

h. not often, but sometimes

- ◆ Now try this: On a sheet of lined paper, use each vocabulary word from above in a sentence.

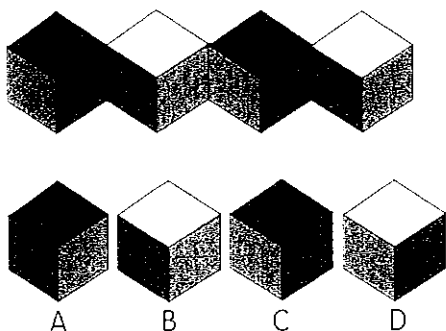
1. Correct any mistakes or write "correct."

$79.3 + 12.7 = 82.1$ _____

2. Correct any mistakes or write "correct."

$900 \div 9 = 100$ _____

3. Which cube comes next in this pattern?



4. Order these numbers from smallest to largest.

0.9 $\frac{3}{4}$ 0.5 $\frac{1}{3}$ $1\frac{1}{4}$

5. Bruce is a very fast reader and reads about 40 pages in an hour. If he has a 140-page book, about how long will it take him to read it?

1. $3 \times 327 =$ _____

2. $6 \overline{)66}$

3. Construct a graph to represent this information. Use a sheet of graph paper.

Favorite Musical	Boys	Girls
<i>The Sound of Music</i>	2	5
<i>West Side Story</i>	8	3
<i>Oklahoma!</i>	4	3
<i>Singin' in the Rain</i>	3	4

4. Write the number six hundred two in standard notation.

5. Julia just finished a spelling test and thinks that she got most of the words right. She guessed on 10 out of the 100 words. If she gets half of those that she guessed on right and all of the other ones right, how many words will she get wrong on the whole test?

1. Add a sign.

$$10010 = 10$$

2. Add a sign.

$$128 = 28$$

3. List the first three multiples of 9.

4. How many edges does a cube have?

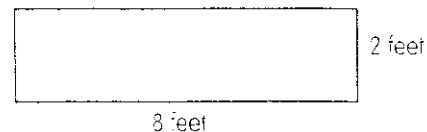
5. Allen and Geoff are mowing lawns together to raise money to go to summer camp. One day last week, they were paid \$10 for one lawn, \$16 for another, and \$18 for yet another. They put all the money together and then split it in half. How much did each boy earn that day?

1. $300 \div 10 =$ _____

2.
$$\begin{array}{r} 1,041 \\ \times \quad 6 \\ \hline \end{array}$$

3. How many feet are in 3 yards?

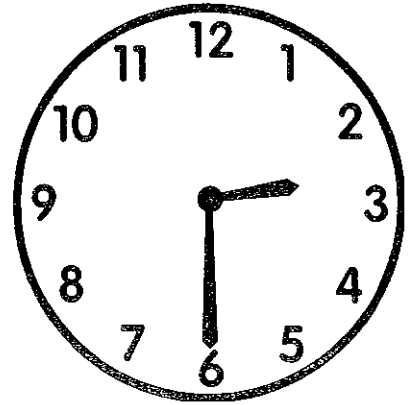
4. What is the perimeter of this rectangle?



5. Jed is collecting shells to make a picture frame. He figures he needs 10 shells for the top and 10 shells for the bottom, and then 18 shells for each side of the frame. How many shells does he need to complete the frame?

This clock represents the time that a birthday party ended. Bobby opened his presents 45 minutes before this time. The kids were all eating cake 25 minutes before that. They were all playing games 30 minutes before that. The party actually started 20 minutes before that.

At what time did the birthday party start?



How many did you get correct each day? Color the squares.

5					
4					
3					
2					
1					
	Monday	Tuesday	Wednesday	Thursday	Friday

Name _____

Time _____

Number Correct _____ / 100

Division Facts • ÷ 5's

$5 \overline{)10}$ $5 \overline{)15}$ $5 \overline{)30}$ $5 \overline{)0}$ $5 \overline{)45}$ $5 \overline{)15}$ $5 \overline{)20}$ $5 \overline{)35}$ $5 \overline{)25}$ $5 \overline{)5}$

$5 \overline{)25}$ $5 \overline{)20}$ $5 \overline{)45}$ $5 \overline{)15}$ $5 \overline{)20}$ $5 \overline{)5}$ $5 \overline{)10}$ $5 \overline{)40}$ $5 \overline{)35}$ $5 \overline{)30}$

$5 \overline{)0}$ $5 \overline{)10}$ $5 \overline{)45}$ $5 \overline{)35}$ $5 \overline{)20}$ $5 \overline{)40}$ $5 \overline{)5}$ $5 \overline{)10}$ $5 \overline{)25}$ $5 \overline{)40}$

$5 \overline{)45}$ $5 \overline{)25}$ $5 \overline{)20}$ $5 \overline{)40}$ $5 \overline{)0}$ $5 \overline{)30}$ $5 \overline{)10}$ $5 \overline{)15}$ $5 \overline{)30}$ $5 \overline{)5}$

$5 \overline{)10}$ $5 \overline{)30}$ $5 \overline{)15}$ $5 \overline{)5}$ $5 \overline{)45}$ $5 \overline{)35}$ $5 \overline{)20}$ $5 \overline{)0}$ $5 \overline{)40}$ $5 \overline{)25}$

$5 \overline{)35}$ $5 \overline{)45}$ $5 \overline{)0}$ $5 \overline{)25}$ $5 \overline{)15}$ $5 \overline{)40}$ $5 \overline{)10}$ $5 \overline{)30}$ $5 \overline{)5}$ $5 \overline{)20}$

$5 \overline{)30}$ $5 \overline{)10}$ $5 \overline{)20}$ $5 \overline{)40}$ $5 \overline{)5}$ $5 \overline{)0}$ $5 \overline{)30}$ $5 \overline{)15}$ $5 \overline{)25}$ $5 \overline{)45}$

$5 \overline{)30}$ $5 \overline{)40}$ $5 \overline{)45}$ $5 \overline{)10}$ $5 \overline{)35}$ $5 \overline{)45}$ $5 \overline{)20}$ $5 \overline{)5}$ $5 \overline{)35}$ $5 \overline{)0}$

$5 \overline{)40}$ $5 \overline{)0}$ $5 \overline{)25}$ $5 \overline{)5}$ $5 \overline{)45}$ $5 \overline{)15}$ $5 \overline{)10}$ $5 \overline{)30}$ $5 \overline{)5}$ $5 \overline{)20}$

$5 \overline{)10}$ $5 \overline{)35}$ $5 \overline{)5}$ $5 \overline{)0}$ $5 \overline{)30}$ $5 \overline{)35}$ $5 \overline{)0}$ $5 \overline{)45}$ $5 \overline{)25}$ $5 \overline{)15}$

Day # 10

Name: _____

Playing Catch

by Liana Mahoney



She tosses me the ball. I toss it back to Sis.

She throws it really high: "Let's see you catch this!"

The sun is in my eyes! Where IS that ball now?

I've got to spot the ball and catch it somehow.

I'm waiting and I'm waiting. My glove is waiting, too.

I'm looking up, not looking down. I trip on my left shoe.

I'm diving toward the ground. My arms are stretched out straight.

I open up my glove, but I'm afraid that I'm too late.

I can't believe my eyes. I think I see the ball!

It's nestled in my glove; I caught it after all!

I hear my sister cheering. She saw my super catch.

But Fido stole the ball from me. He thinks we're playing fetch!

Name: _____

Playing Catch

by Liana Mahoney



1. Choose another appropriate title for this poem.
 - a. My Sister's Amazing Toss
 - b. Fido's Bad Day
 - c. My Amazing Catch
 - d. The Ball That Went Up, But Never Came Down

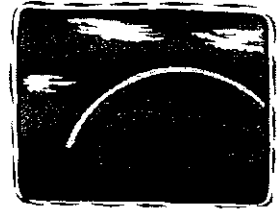
2. Name two reasons the girl had difficulty catching the ball.

3. What silly event happened in the last line of the poem?

4. What does the word **nestled** mean in line 10?
 - a. fell from above
 - b. held on by a little bit
 - c. rolling around
 - d. held snugly or tightly

Name: _____

Alphabetical Order



Rewrite each word list in alphabetical order.

1. umbrella, robin, rain, rainy, rainbow

_____ / _____ / _____ / _____ / _____

2. bud, blossom, bloom, bird, butterfly

_____ / _____ / _____ / _____ / _____

3. garden, grass, grow, green, leaves

_____ / _____ / _____ / _____ / _____

4. May, March, wet, weather, warmer

_____ / _____ / _____ / _____ / _____

5. daffodil, April, baseball, daisy, dandelion

_____ / _____ / _____ / _____ / _____

1. Correct any mistakes or write "correct."

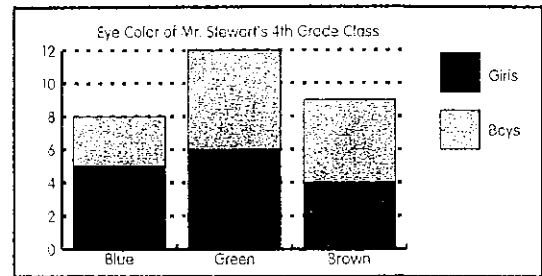
$2 \times 345 = 708$ _____

2. Correct any mistakes or write "correct."

$206.4 - 103.8 = 102.6$ _____

3. Dianna and Becky were playing on the same soccer team and took turns being goalie. They stopped 9 out of every 10 shots made against them. If the other team scored 3 points, how many balls did Dianna and Becky stop from going into the net?
- _____

4. Using this graph, how many students in all have brown eyes?



5. Using the graph in problem 4, how many boys have blue eyes?
- _____

1. $21 \div 7 =$ _____

2.
$$\begin{array}{r} 2,162 \\ \times \quad 4 \\ \hline \end{array}$$

3. Round 6.48 to the nearest whole number.
- _____

4. If $m = 6$, then what does $m - 3$ equal?
- _____

5. Dale and Kendra were sweeping out their garage when they found 6 boxes each filled with hats. If there were about 15 hats in each box, how many hats were there altogether?
- _____

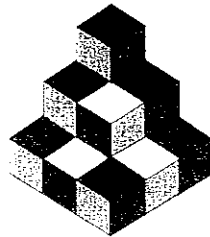
1. Add a sign.

$$1\ 5\ 6\ 8 = 164$$

2. Add a sign.

$$9\ 0\ 5 = 18$$

3. How many blocks are in this figure?



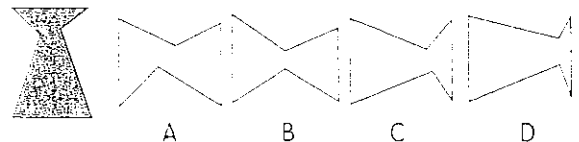
4. Which is smaller, 0.30 or 0.08?

5. Kyle and Brad were playing video games for 3 hours and 45 minutes last Friday night. If they started at 5:50 P.M. and played straight through, at what time did they stop playing the video games?

1. $8 \overline{)568}$

$$\begin{array}{r} 1,041 \\ \times \quad 8 \\ \hline \end{array}$$

4. Which figure is congruent to the first figure?



3. List all the factors of 20.

5. Alfonso was singing in his band and making up lots of new songs. His band was creating a new song every four days. At this rate, how many new songs did they make up in four weeks?

Harry has \$6.28 in his pocket. What is the largest number of quarters he could have?

What is the largest number of dimes he could have?

Why do you think these are the correct answers?

How many did you get correct each day? Color the squares.

5					
4					
3					
2					
1					
	Monday	Tuesday	Wednesday	Thursday	Friday

Name _____

Time _____

Number Correct _____ / 100

Division Facts • ÷ 4's and 5's

$5 \overline{)15}$ $4 \overline{)12}$ $5 \overline{)5}$ $5 \overline{)45}$ $4 \overline{)0}$ $4 \overline{)8}$ $5 \overline{)0}$ $5 \overline{)35}$ $4 \overline{)4}$ $5 \overline{)10}$

$4 \overline{)16}$ $5 \overline{)25}$ $4 \overline{)20}$ $4 \overline{)36}$ $5 \overline{)40}$ $4 \overline{)28}$ $4 \overline{)24}$ $5 \overline{)30}$ $4 \overline{)32}$ $5 \overline{)20}$

$4 \overline{)0}$ $5 \overline{)20}$ $5 \overline{)5}$ $5 \overline{)35}$ $4 \overline{)0}$ $5 \overline{)30}$ $5 \overline{)0}$ $4 \overline{)4}$ $5 \overline{)25}$ $4 \overline{)16}$

$4 \overline{)28}$ $5 \overline{)10}$ $4 \overline{)24}$ $4 \overline{)8}$ $5 \overline{)10}$ $4 \overline{)28}$ $5 \overline{)30}$ $5 \overline{)15}$ $4 \overline{)4}$ $5 \overline{)0}$

$4 \overline{)8}$ $5 \overline{)30}$ $5 \overline{)5}$ $4 \overline{)0}$ $5 \overline{)15}$ $4 \overline{)12}$ $4 \overline{)16}$ $4 \overline{)24}$ $5 \overline{)35}$ $4 \overline{)4}$

$4 \overline{)32}$ $5 \overline{)10}$ $4 \overline{)16}$ $5 \overline{)30}$ $5 \overline{)40}$ $4 \overline{)28}$ $4 \overline{)12}$ $5 \overline{)15}$ $5 \overline{)0}$ $4 \overline{)4}$

$5 \overline{)35}$ $5 \overline{)0}$ $5 \overline{)45}$ $4 \overline{)32}$ $4 \overline{)0}$ $5 \overline{)25}$ $4 \overline{)16}$ $4 \overline{)12}$ $5 \overline{)30}$ $5 \overline{)5}$

$5 \overline{)20}$ $4 \overline{)24}$ $5 \overline{)25}$ $4 \overline{)4}$ $5 \overline{)10}$ $4 \overline{)12}$ $4 \overline{)8}$ $4 \overline{)16}$ $5 \overline{)35}$ $5 \overline{)30}$

$5 \overline{)25}$ $5 \overline{)0}$ $4 \overline{)28}$ $5 \overline{)30}$ $5 \overline{)5}$ $4 \overline{)12}$ $5 \overline{)35}$ $5 \overline{)20}$ $5 \overline{)40}$ $4 \overline{)36}$

$4 \overline{)16}$ $5 \overline{)5}$ $4 \overline{)12}$ $5 \overline{)25}$ $5 \overline{)45}$ $4 \overline{)36}$ $5 \overline{)40}$ $5 \overline{)15}$ $4 \overline{)24}$ $5 \overline{)35}$