Reading

Read the informational text below. Then answer the questions at the end of the text.

The Mighty Monarch Butterfly

Every year, millions of monarch butterflies take an amazing journey. These bright orange and black butterflies travel up to 3,000 miles from Canada and the northern United States all the way to the forests of central Mexico. They make this long trip to escape the cold winter and find warmer weather.

What's truly fascinating is that no single butterfly completes the entire round trip. The butterflies that fly south in the fall will spend the winter in Mexico, but when it's time to return north in the spring, new generations take over. Monarchs lay eggs on milkweed plants, and the next generation hatches, grows, and keeps moving north. It can take four or five generations to return to where their ancestors started.

Monarchs face many dangers along the way. Fewer milkweed plants, which caterpillars need for food, make it harder for them to survive. Cold weather, storms, and predators like birds and insects are also threats. Still, these butterflies keep making their incredible journey every year.

Scientists study monarch migration to learn how such tiny insects can travel so far. People can help by planting milkweed and protecting the butterflies' habitats.

Answer each of the questions below. Highlight or circle where you found the answers in the story.

1. Why do monarch butterflies travel to Mexico each year?
   a. To find more milkweed plants
   b. To escape cold winter weather
   c. To search for new predators
   d. To build nests

2. Why don't the same monarch butterflies that fly south return all the way back north? Explain your answer.

_____

_____

_____

3. What is one way people can help monarch butterflies?
    a. Keep them indoors in winter
    b. Plant milkweed
    c. Build nests for them
    d. Catch and study them

Read the story below. Then answer the questions at the end of the story.

Luna's Long Journey

Luna stretched her new orange-and-black wings in the warm September sun. She had just emerged from her chrysalis and felt ready for anything. But then she heard the older butterflies whispering.

"It's time," said one with tattered wings. "We must begin our journey south."

"South?" Luna asked, fluttering nervously. "I just learned how to fly!"

A wise old butterfly named Sol smiled. "You'll learn on the way. We travel thousands of miles to find warmth and safety for the winter."

The next morning, Luna joined a swirl of monarchs lifting into the sky. They soared over fields of flowers and rivers that glittered in the sunlight. Sometimes the wind was so strong that Luna had to hold on with all her might.

One cold night, they landed in a grove of tall trees. "Rest here," Sol told her. "Your wings need strength."

As the days passed, Luna met dangers—storms, hungry birds, and places with no milkweed. But she also saw wonders: rolling hills, sparkling lakes, and golden sunsets. Finally, they reached a forest in Mexico filled with millions of monarchs.

Luna tucked herself into a cluster of warm wings. "I made it," she whispered. And for the first time, she felt like a true traveler.

Answer each of the questions below. Highlight or circle where you found the answers in the text.

1. Why were the butterflies getting ready to travel south?
   a. To look for more flowers
   b. To find warmth and safety for the winter
   c. To avoid predators
   d. To build new cocoons

2. Who helps Luna understand the journey?
   a. Her sister
   b. A bird named Sol
   c. An older butterfly named Sol
   d. The wind

3. Why was Luna nervous about going on the journey?

   _____

   _____

Writing Foundations and Language

Underline the prepositional phrase in each sentence:

1. The monarchs flew over the fields.
2. Luna hid under a leaf during the storm.
3. Millions of butterflies gathered in the forest.
4. We saw bright orange wings above our heads.
5. The butterflies traveled to Mexico for the winter.

Rewrite each sentence correctly by adding a comma before the coordinating conjunction.

1. The butterflies flew over the flowers and they rested on a branch.

   _____

2. The wind was strong so the butterflies stopped to rest.

   _____

3. The butterflies reached Mexico and they settled in the warm forest.

   _____

Writing

Monarch butterflies travel thousands of miles each year to find a warm place for the winter. Write an essay explaining why their journey is important, the challenges they face along the way, and how people can help them survive.

_____

_____

_____

Math

1. Express the following numbers in standard form by using commas.

    1. 5268   _____
    2. 72146   _____
    3. 193129   _____

2. Fill in the blank to make a true number sentence.

    1. $2,000 + 500 + 70 + 3 =$ _____

    2. $500,000 +$ _____ $+ 900 + 9 + 8 = 510,998$

    3. $910,803 = 900,000 + 10,000 +$ _____ $+ 3$

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3. Find 4 x 1,123 by using the place value chart and area model.

    a. Place Value Chart

thousands	hundreds	tens	ones

    b. Area Model

4. Multiply. Show your method.
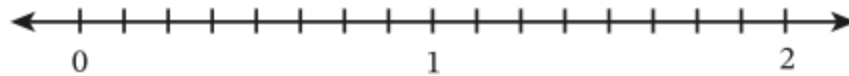
a. 2 x 6,345 = _____

b. 2,341 x 3 = _____

5. Megan measures the growth of 10 cucumber plants and lists the data in table.

Plane	A	B	C	D	E	F	G	H	I
Growth	$1\frac{2}{8}$	$\frac{7}{8}$	$1\frac{3}{8}$	$1\frac{2}{8}$	$\frac{5}{8}$	1	$1\frac{2}{8}$	$\frac{4}{8}$	$\frac{6}{8}$

a. Use the data in the table to create a line plot.

6. Use a protractor and a rule to draw each triangle. Label the side lengths and angle measures.

a. Right isosceles triangle

b. Right scalene triangle

Solve each problem.

32 x 2	45 x 5	67 x 7	5⟌15	2⟌16	4⟌16