

Monarch Mystery Marks

Monitor your understanding as you read an informational text.

4.6.I "monitor comprehension and make adjustments such as re-reading, using background knowledge, asking questions, and annotating when understanding breaks down."

NAME _____

DATE _____

1 READ AND MARK _____ Read it twice

YOUR JOB Underline one idea that makes you stop and think. Circle a detail that helps you understand it, and write a question mark beside an idea you would reread.

The Monarch Journey

- ① Every autumn, millions of monarch butterflies leave Canada and the United States and fly south. Many travel to mountain forests in central Mexico, where they spend the winter. The butterflies do not make the whole round trip. The monarchs that return north in spring are often the children or grandchildren of butterflies that flew south the previous autumn.
- ② Scientists are still learning exactly how monarchs find their route. The butterflies use the sun as a compass, and they have an internal clock that helps them adjust as the sun moves across the sky. They may also notice Earth's magnetic field. A monarch that has never traveled to Mexico can still begin flying in the correct direction.
- ③ The journey is dangerous. Storms can push butterflies off course, and cold weather can harm them. Monarchs need nectar from flowers for energy along the way. When people plant native milkweed and protect flower-rich areas, they give monarchs places to lay eggs and feed. These stops can help new generations continue the migration north each spring.

2 ANSWER WITH EVIDENCE _____ Use the passage

- 1** A reader thinks that one butterfly flies south in autumn and returns north in spring. What should the reader reread in paragraph 1? What does it show?

- 2** Write one question that could help you understand what the monarch's internal clock does. Then answer your question using paragraph 2.

- 3** After rereading paragraph 2, which details show that monarchs may use more than one way to find their route?

- 4** Use what you know about children and grandchildren being new generations. Which words in paragraph 1 confirm that different monarchs make the northward trip?

3 YOUR TURN _____ Your own words

Reread the last two sentences of paragraph 3. In your first sentence, write a question you would ask to understand why monarchs need native milkweed and flower-rich areas. In your second sentence, answer the question using the passage.

PART 1 • READ AND MARK

Underline one idea that makes you stop and think. Circle a detail that helps you understand it, and write a question mark beside an idea you would reread. Accept any marking that follows this job and points at the right text.

PART 2 • ANSWERS

#	QUESTION	ANSWER
1	A reader thinks that one butterfly flies south in autumn and returns north in spring. What should the reader reread in paragraph 1? What does it show?	Reread the last two sentences. They show that the butterflies returning north are often the children or grandchildren of the butterflies that flew south.
2	Write one question that could help you understand what the monarch's internal clock does. Then answer your question using paragraph 2.	Sample: How does an internal clock help a monarch? It helps the butterfly adjust as the sun moves across the sky.
3	After rereading paragraph 2, which details show that monarchs may use more than one way to find their route?	They use the sun as a compass and an internal clock, and they may also notice Earth's magnetic field.
4	Use what you know about children and grandchildren being new generations. Which words in paragraph 1 confirm that different monarchs make the northward trip?	"the children or grandchildren of butterflies that flew south"

PART 3 • YOUR TURN (SAMPLE ANSWER)

Why do monarchs need native milkweed and flower-rich areas? These places give monarchs spots to lay eggs and nectar for energy.

Accept reasonable annotations that identify a confusing idea, a helpful detail, or a place to reread. For the open task, accept a relevant question and an answer that explains both laying eggs and getting food or energy.