

Clues in Flight

Use nearby words and word parts to figure out meanings.

3.P.EICC.3.g "Determine the meanings of unfamiliar words and concepts by applying knowledge of context and of academic vocabulary and word parts. (I)"

NAME _____

DATE _____

1 READ AND MARK _____ Read it twice

YOUR JOB Underline each word in the passage whose meaning is explained nearby. Circle the words or word parts that give you a clue to its meaning.

Monarchs on the Move

- ① Each autumn, monarch butterflies migrate from parts of the United States and Canada to mountain forests in central Mexico. To migrate means to travel from one place to another during a season. The butterflies need a safe habitat, or home area, with trees for shelter. Along the way, they drink nectar, the sweet liquid inside many flowers.
- ② Scientists observe the butterflies by watching them and recording what they see. They estimate, or make a careful guess, how many butterflies rest in a forest. Counting every butterfly would be difficult. Instead, scientists count butterflies in small sections and compare the sections. This method gives them information about the whole group without touching any insects.
- ③ In winter, local guides protect the forest. They look for evidence, such as photographs, maps, and notes, that shows where butterflies gather. Some visitors may leave litter, so guides ask them to carry it out. Later, workers rebuild damaged fences after storms or heavy use. The prefix re- means "again," so rebuild means to build again.

2 ANSWER WITH EVIDENCE Use the passage

1 What does habitat mean in the first paragraph? Which nearby words help you know?

2 What does estimate mean? Use the context to explain why scientists estimate instead of counting every butterfly.

3 What does evidence mean in the third paragraph? Name two examples of evidence from the passage.

4 What does the prefix re- tell you about the word rebuild?

3 YOUR TURN Your own words

Choose observe, migrate, or compare from the passage. Write two sentences. In the first sentence, tell what the word means. In the second sentence, name words from the passage that helped you infer the meaning.

PART 1 • READ AND MARK

Underline each word in the passage whose meaning is explained nearby. Circle the words or word parts that give you a clue to its meaning. Accept any marking that follows this job and points at the right text.

PART 2 • ANSWERS

#	QUESTION	ANSWER
1	What does habitat mean in the first paragraph? Which nearby words help you know?	Habitat means a home area where an organism lives. The words "home area" give the clue.
2	What does estimate mean? Use the context to explain why scientists estimate instead of counting every butterfly.	Estimate means to make a careful guess. Scientists cannot easily count every butterfly, so they count small sections to make a guess about the whole group.
3	What does evidence mean in the third paragraph? Name two examples of evidence from the passage.	Evidence means information or objects that show something is true or help explain it. Photographs, maps, and notes are examples.
4	What does the prefix re- tell you about the word rebuild?	The prefix re- means "again," so rebuild means to build again.

PART 3 • YOUR TURN (SAMPLE ANSWER)

Compare means to look at two or more things to see how they are alike or different. The passage says scientists count butterflies in small sections and compare the sections, showing that they look at the sections together.

Accept definitions that match the context and clues that accurately point to nearby words, examples, or the prefix. For Part 3, accept either listed word when the student gives a reasonable meaning and a passage-based clue.