Where Did It Go?

Read a schoolyard report and its data table together.

5.RI.7 "Interpret information from multiple print or digital sources (e.g. diagrams, charts, graphs, maps, tables) to develop an understanding of the text."

NAME _____ DATE _____

1 READ AND MARK

Read it twice

YOUR JOB Circle each place named in paragraph 2 and its matching row label in the table, then underline a sentence that helps explain a difference in the measurements.

Water After the Storm

1 After a hard rain, Maya's class checked three places in their schoolyard. They measured the deepest standing water at one spot in each place ten minutes after the rain stopped, then returned forty minutes after the rain stopped. Their measurements appear in the table. A depth of zero means they found no standing water at that spot.

STANDING WATER DEPTH AFTER RAIN

Place	10 minutes (cm)	40 minutes (cm)
Rain garden	6	1
Grassy field	2	0
Blacktop	4	3

2 One place was a rain garden, a shallow planted area built to hold runoff while water moves into the soil. The grassy field had ordinary, fairly level ground. The blacktop was paved, so water could not soak through its surface easily. Water might also flow away from any of these spots.

3 The class measured only one spot in each place after one storm. They did not measure how much water flowed away or entered the soil. That matters when explaining a change in depth. A smaller number later shows less water standing at the measured spot, but it does not prove where that water went.

2 ANSWER WITH EVIDENCE

Use the passage

1. Which place had the deepest standing water at 10 minutes? How does the passage explain why water might collect there?

2. Which place still had the deepest standing water at 40 minutes? Use the passage to explain why water might remain there.

3. The grassy field measured zero at 40 minutes. What does zero mean here, and what can you not conclude about the whole field?

4. Compare how much the water depth changed at the rain garden and the blacktop. Why does the passage warn against saying that all the missing water soaked into the soil?

3 YOUR TURN

Your own words

A classmate says, “The rain garden failed because it held the deepest water at first.” Write three sentences in response. Include two numbers from the table, explain the garden's purpose, and suggest one measurement after another storm that could help check your explanation.

Where Did It Go?

PART 1 · READ AND MARK

Circle each place named in paragraph 2 and its matching row label in the table, then underline a sentence that helps explain a difference in the measurements. Accept any marking that follows this job and points at the right text.

PART 2 · ANSWERS

#	QUESTION	ANSWER
1	Which place had the deepest standing water at 10 minutes? How does the passage explain why water might collect there?	**The rain garden had the deepest water, 6 cm. It is built to hold runoff.**
2	Which place still had the deepest standing water at 40 minutes? Use the passage to explain why water might remain there.	**The blacktop had the deepest water, 3 cm. Its paved surface does not let water soak through easily.**
3	The grassy field measured zero at 40 minutes. What does zero mean here, and what can you not conclude about the whole field?	**There was no standing water at the measured spot. The class cannot conclude that the whole field had no standing water.**
4	Compare how much the water depth changed at the rain garden and the blacktop. Why does the passage warn against saying that all the missing water soaked into the soil?	**The rain garden's depth fell 5 cm, while the blacktop's fell 1 cm. Some water may have flowed away, and the class did not measure where it went.**

PART 3 · YOUR TURN (SAMPLE ANSWER)

The rain garden had 6 cm of standing water at 10 minutes and 1 cm at 40 minutes, so its water depth fell. A rain garden is built to hold runoff while water moves into the soil, so early standing water does not show that it failed. After another storm, we could measure the water depth at the same spot and times to see whether it falls again.

Accept explanations that connect a table value or comparison to a relevant passage detail. Do not accept claims that a drop in depth proves all the water soaked into the soil.