Water from Fog

Read closely, then explain the ideas in your own words.

7.2.R.3 "Students will paraphrase a short passage in their own words to demonstrate comprehension."

NAME _____ DATE _____

1 READ AND MARK

Read it twice

YOUR JOB Number one key sentence in each paragraph, 1 to 3, and underline a detail that will help you restate each idea in your own words.

Catching Water in the Air

1. In some dry coastal places, the sky can look gray even when rain seldom falls. Fog is made of tiny drops of water floating close to the ground. Wind can push those drops through a tall mesh screen, often called a fog net. Some drops stick to the mesh, join into larger drops, and slide down into a gutter. A pipe carries the water from the gutter to a storage tank. The net does not create water; it collects water already in the air.

2. A fog net works best where moist air meets regular wind, such as certain hills near a coast. Workers place the screen where the moving fog can pass through it, rather than behind a wall or a thick stand of trees. Even in a good spot, the amount collected changes from day to day. A clear day may provide almost no water. Foggy, windy conditions can fill a tank more quickly, but a net cannot be counted on to supply the same amount every day.

3. Collected fog water can help irrigate gardens or young trees in places where fresh water is scarce. Before people drink it, they must check its quality and treat it if needed, since dust or other pollutants can reach the mesh and tank. Screens also need cleaning and repairs when they tear. Fog nets may reduce the distance people travel to get water, but they are not a complete replacement for wells or other sources. Their value depends on local weather, careful upkeep, and safe storage.

2 ANSWER WITH EVIDENCE

Use the passage

1. In your own words, explain what the last sentence of paragraph 1 says about where the water comes from.

2. Restate how the placement of a fog net affects how well it works, using information from paragraph 2.

3. Paraphrase why a community cannot expect a fog net to collect the same amount of water every day.

4. In your own words, explain why water from a fog net might need attention before people drink it.

3 YOUR TURN

Your own words

Write a four-sentence paraphrase of the entire passage for a classmate who has not read it. Explain how fog nets collect water, where and when they work best, one possible use, and one reason they cannot be a community's only water source.

ANSWER KEY

Water from Fog

GRADE 7 · 7.2.R.3

PART 1 · READ AND MARK

Number one key sentence in each paragraph, 1 to 3, and underline a detail that will help you restate each idea in your own words. Accept any marking that follows this job and points at the right text.

PART 2 · ANSWERS

#	QUESTION	ANSWER
1	In your own words, explain what the last sentence of paragraph 1 says about where the water comes from.	**The net gathers water droplets that are already in the fog; it does not make new water.**
2	Restate how the placement of a fog net affects how well it works, using information from paragraph 2.	**A net catches more water when it stands where wind can carry fog through it, without a wall or trees blocking the fog.**
3	Paraphrase why a community cannot expect a fog net to collect the same amount of water every day.	**The weather changes, so a clear day may yield almost no water while foggy, windy conditions may yield more.**
4	In your own words, explain why water from a fog net might need attention before people drink it.	**Dust or other pollutants can get into the water, so people need to check its quality and treat it if necessary.**

PART 3 · YOUR TURN (SAMPLE ANSWER)

Fog nets catch tiny water drops moving through mesh, and the drops flow into a tank. They work best in places with frequent fog and wind, so the amount they gather can change with the weather. People can use this water to help grow plants, although they should check and treat it before drinking it. Because clear days may bring almost no water, communities still need other sources.

Accept accurate restatements that preserve the passage's meaning without copying whole sentences. For Part 3, check for all four requested ideas in four original sentences.