

Grade 5 Reading Comprehension Standard Worksheet Set 014

Grade 5 · Reading Comprehension · Standard

Name: _____ Date: _____

Read the passage carefully. Then answer all 8 questions using details from the text.

Measuring a Green Roof

During summer, Helena joined a study at the civic science center to compare sections of a green roof.

The team marked 15 samples with dates and locations so later comparisons would use the same evidence.

Researchers collected observations with soil-moisture sensors and rain records and wrote the measurement conditions beside every result.

Before drawing a conclusion, the group checked unusual values and repeated one observation with a second reader.

The combined evidence showed that deeper soil retained water longer after storms.

Because one comparison alone could not explain every difference, the team recorded a limitation in its report.

After discussing that limitation, Helena recommended that the group weigh whether the added load is practical.

The final report linked each claim to its source data so another team could evaluate the reasoning.

Questions

Return to the passage and write a short, text-based answer for each item.

1. In "Measuring a Green Roof", where did Helena join the study?

2. In "Measuring a Green Roof", what was the study designed to do?

3. In "Measuring a Green Roof", how many samples did the team mark?

4. In "Measuring a Green Roof", which tools or records supported the observations?

5. In "Measuring a Green Roof", how did the group check an unusual value?

6. In "Measuring a Green Roof", what did the combined evidence show?

7. In "Measuring a Green Roof", what action did Helena recommend?

8. In "Measuring a Green Roof", why did the report link each claim to source data?

Answer Key

Each answer below is supported by a sentence in the passage.

1. civic science center	2. compare sections of a green roof
3. 15	4. soil-moisture sensors and rain records
5. repeated one observation with a second reader	6. deeper soil retained water longer after storms
7. weigh whether the added load is practical	8. so another team could evaluate the reasoning