

# Grade 5 Reading Comprehension Standard Worksheet Set 029

Grade 5 · Reading Comprehension · Standard

Name: \_\_\_\_\_ Date: \_\_\_\_\_

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

## Measuring Shade from Street Trees

During summer, Wesley joined a study at the urban forestry office to measure how street trees affect shade.

The team marked 12 samples with dates and locations so later comparisons would use the same evidence.

Researchers collected observations with a canopy grid and surface thermometer 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 wide mature crowns cooled the sidewalk most at midday.

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

After discussing that limitation, Wesley recommended that the group compare young trees during the same hour.

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 Shade from Street Trees", where did Wesley join the study?

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2. In "Measuring Shade from Street Trees", what was the study designed to do?

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3. In "Measuring Shade from Street Trees", how many samples did the team mark?

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4. In "Measuring Shade from Street Trees", which tools or records supported the observations?

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5. In "Measuring Shade from Street Trees", how did the group check an unusual value?

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6. In "Measuring Shade from Street Trees", what did the combined evidence show?

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7. In "Measuring Shade from Street Trees", what action did Wesley recommend?

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8. In "Measuring Shade from Street Trees", why did the report link each claim to source data?

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# Answer Key

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

|                                                  |                                                          |
|--------------------------------------------------|----------------------------------------------------------|
| 1. urban forestry office                         | 2. measure how street trees affect shade                 |
| 3. 12                                            | 4. a canopy grid and surface thermometer                 |
| 5. repeated one observation with a second reader | 6. wide mature crowns cooled the sidewalk most at midday |
| 7. compare young trees during the same hour      | 8. so another team could evaluate the reasoning          |