

Name: _____ Date: _____

Aces of Accuracy: 4th Grade Measurement Quiz

Correctly identify standard units and measurement tools through 10 interactive questions focused on length, mass, and time.

1. If an oceanographer is measuring the depth of a shallow coral reef, which metric unit would they most likely use to record the distance from the surface to the seafloor?

- A. Kilograms
- B. Meters
- C. Liters
- D. Seconds

2. A scientist uses a balance scale to measure the mass of a rock sample in grams.

- A. True
- B. False

3. To find out how much water a small beaker can hold, a student should measure the _____ of the liquid.

- A. Temperature
- B. Mass
- C. Volume
- D. Length

4. Which of these units would be the most appropriate for measuring the time it takes for a popsicle to melt in the sun?

- A. Degrees
- B. Meters
- C. Grams
- D. Minutes

5. A baker needs to know how heavy a bag of flour is. Which tool is the most helpful for this task?

- A. A thermometer
- B. A digital scale
- C. A measuring tape
- D. A stopwatch

6. When measuring the temperature of a cup of hot cocoa, a scientist uses a tool called a _____.

- A. Ruler
- B. Graduated cylinder
- C. Thermometer
- D. Clock

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7. A ruler is the best tool to use if you want to measure the amount of juice in a bottle.

- A. True
- B. False

8. If you are comparing the length of two different Caterpillars, which unit would give you the most detail because of its small size?

- A. Kilometers
- B. Millimeters
- C. Meters
- D. Miles

9. In the metric system, the distance between two far-away cities would typically be measured in _____.

- A. Kilometers
- B. Milliliters
- C. Grams
- D. Centimeters

10. The second is a standard unit of measurement used by scientists to track time.

- A. True
- B. False