

# Understanding the Metric System Review

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5th Grade Math

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

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

Answer the following questions based on what you've learned about the metric system.

1. What does the prefix 'kilo-' mean in the metric system?

- A. 100
- B. 10
- C. 1000

2. Why might scientists prefer the metric system over other measurement systems?

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3. The metric system is based on powers of \_\_\_.

4. The prefix 'milli-' represents 1/100 of a unit.

- True       False

5. What is the value of 'centi-' in the metric system?

- A. 1/100
- B. 100
- C. 10

6. How do metric prefixes help us understand measurement?

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7. A false balance is an abomination to Yahweh, but a just weight is his \_\_\_.

8. Counting by 10s makes conversions in the metric system easier than in customary systems.

- True       False

9. Which of the following is NOT a metric prefix?

- A. kilo-
- B. centi-
- C. deci-
- D. mega-

10. What is one benefit of using the metric system compared to customary measurements?

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Answer Key

1. 1000 2. Scientists prefer the metric system because it is standardized and easier to convert between units. 3. 10 4. False 5. 1/100 6. Metric prefixes help us understand measurement by indicating the scale of the unit. 7. delight 8. True 9. mega- 10. One benefit of using the metric system is that it simplifies calculations and conversions because it is based on a consistent base-10 structure.