

Metric Measurement in Science Review

BibleMouse.com

Understanding the Metric System

Name: _____

Date: _____

Answer the following questions based on what you learned about metric measurement.

1. What is the metric system based on?

- A. Powers of 10
- B. Inches and feet
- C. Yards and miles

2. Scientists use metric units in laboratories ____ worldwide.

3. Why do you think scientists prefer metric measurements?

4. Precision in scientific measurement is not important.

- True False

5. How can accurate measurement glorify God's creation?

6. What is the purpose of using the metric system in science?

- A. To confuse students
- B. To ensure consistency
- C. To promote only one country

7. A false balance is an abomination to Yahweh, but a just ____ is his delight.

8. The metric system is used by most countries around the world.

- True False

9. How might different measurements impact scientific research?

10. Which of the following is NOT a metric unit?

- A. Kilogram
- B. Liter
- C. Foot

Answer Key

1. Powers of 10 2. globally 3. Scientists prefer metric measurements because they are consistent and easy to convert. It allows for better communication and understanding between researchers from different countries. 4. False 5. Accurate measurement can glorify God's creation by showing respect for the order and design in the world. It reflects our commitment to truth and integrity, as mentioned in Proverbs 11:1. 6. To ensure consistency 7. weight 8. True 9. Different measurements can lead to confusion and errors in experiments. If scientists use different systems, it can be difficult to compare results and could affect the reliability of their findings. 10. Foot