Quiz 1.3 - Tools & Measurement

- 1. Which of the following is NOT true about the metric system?
- A. scientists and almost all countries use this system
- B. scientists can share and compare their results using this system
- C. metric units are easy to convert
- D. metric units are only used in the United States
- 2. The metric system is based on the number _

A. 1 **C.** 10

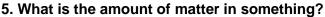
B. 100 **D.** 1000



- 3. Taking measurements with tools such as thermometers is a type of
- A. hypothesis. C. conclusion.
- **B.** prediction. D. observation.
- 4. What do we call a measure of something's size in 3D space?

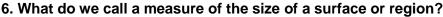
A. area

C. massD. weight B. volume



A. area C. mass

B. volume D. weight



A. area C. mass

B. volume **D.** weight

7. What is the basic metric unit for measuring length?

C. gram A. liter

D. Celsius B. meter

- 8. Which of the following is NOT true about the mass of an object?
- A. mass changes depending on where it is
- B. mass is the same anywhere in the universe
- C. mass can be measured by using a balance
- D. mass can be described in grams







9. Which tool above is called a graduated cylinder?

A. 1 **C**. 3

D. None of the above. **B.** 2

10. Which tool above is called a beaker?

A. 1 **C.** 3

D. None of the above. **B**. 2