

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
- B. 100
- C. 10
- D. 1000



3. Taking measurements with tools such as thermometers is a type of

- A. hypothesis.
- B. prediction.
- C. conclusion.
- D. observation.

4. What do we call a measure of something's size in 3D space?

- A. area
- B. volume
- C. mass
- D. weight



5. What is the amount of matter in something?

- A. area
- B. volume
- C. mass
- D. weight

6. What do we call a measure of the size of a surface or region?

- A. area
- B. volume
- C. mass
- D. weight

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

- A. liter
- B. meter
- C. gram
- D. Celsius

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



1



2



3

9. Which tool above is called a graduated cylinder?

- A. 1
- B. 2
- C. 3
- D. None of the above.

10. Which tool above is called a beaker?

- A. 1
- B. 2
- C. 3
- D. None of the above.