

Appropriate Units

Multiple Choice

Identify the choice that best completes the statement or answers the question.

- _____ 1. You want to model the speed of a motorcycle. Which units would be appropriate for measuring this quantity?
- a. hours per meter
 - b. kilometers per hour
 - c. kilometers per mile
 - d. minutes per hour
- _____ 2. You want to model the pressure of water on a given area of a submarine. Which units would be appropriate for measuring this quantity?
- a. pounds per inch
 - b. pounds per square inch
 - c. grams per cubic centimeter
 - d. square meters per liter
- _____ 3. You want to model how the value of a gold mining company changes over time. Which units would be appropriate for measuring this quantity?
- a. dollars per ounce
 - b. thousands of dollars per month
 - c. dollars per euro
 - d. weeks per year
- _____ 4. Ayanna and Zoe are measuring the speed of a snail. Which units would be *most* appropriate for measuring this quantity?
- a. minutes per millimeter
 - b. meters per second
 - c. miles per hour
 - d. millimeters per minute
- _____ 5. You want to find the density of a red brick that you can hold in your hand. Which units would be appropriate for measuring this quantity?
- a. pounds per cubic yard
 - b. milligrams per cubic meter
 - c. minutes per hour
 - d. ounces per cubic inch
- _____ 6. You want to find the area of the outside of your house so that you can purchase the right amount of paint for painting it. Which units would be appropriate for measuring this quantity?
- a. pounds per cubic yard
 - b. milligrams per cubic meter
 - c. square inches
 - d. square feet

**Appropriate Units
Answer Section**

MULTIPLE CHOICE

1. B
2. B
3. B
4. D
5. D
6. D

