

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. kilometers per mile
 - b. minutes per hour
 - c. kilometers per hour
 - d. hours per meter
- _____ 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. square meters per liter
 - c. pounds per square inch
 - d. grams per cubic centimeter
- _____ 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. thousands of dollars per month
 - b. dollars per euro
 - c. weeks per year
 - d. dollars per ounce
- _____ 4. Ayanna and Zoe are measuring the speed of a snail. Which units would be *most* appropriate for measuring this quantity?
- a. miles per hour
 - b. meters per second
 - c. minutes per millimeter
 - 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. minutes per hour
 - b. ounces per cubic inch
 - c. milligrams per cubic meter
 - d. pounds per cubic yard
- _____ 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. square inches
 - b. pounds per cubic yard
 - c. square feet
 - d. milligrams per cubic meter

**Appropriate Units
Answer Section**

MULTIPLE CHOICE

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

