

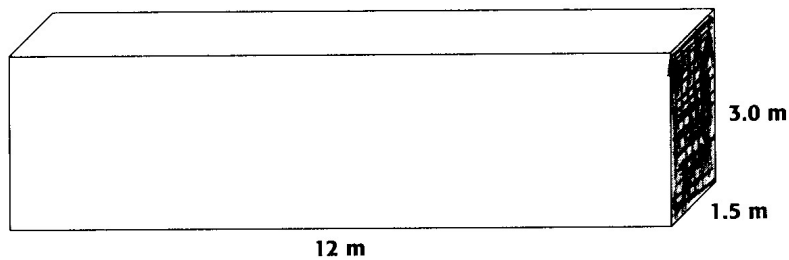
Assessment

Pretest

Introduction to Science

- _____ 1. Science is best known for
a. conducting experiments. **c.** using only a single reference.
b. reliance on tradition alone. **d.** using guesswork at all times.
- _____ 2. Which one of the following calculations could be used to find the number of seconds in a week?
a. 60×24 **c.** $60 \times 60 \times 7$
b. $60 \times 60 \times 24$ **d.** $60 \times 60 \times 24 \times 7$
- _____ 3. The space occupied by an object is its
a. volume. **c.** mass.
b. density. **d.** area.
4. Label each of the following as length, area, volume, mass, time, or temperature.
- _____ **a.** 472 kg
 _____ **b.** 35 L
 _____ **c.** 172 ms
 _____ **d.** 25 cm
 _____ **e.** 32°C
 _____ **f.** 3500 m²
 _____ **g.** 86 km
- _____ 5. Which of the following can be used to measure volume?
a. a balance **c.** a measuring cup
b. a speedometer **d.** a clock
6. Determine each of the following quantities for the box shown below.

$A = l \cdot w$
 $V = l \cdot w \cdot h$



- _____ **a.** area of the shaded end in square meters
 _____ **b.** volume in cubic meters