

# Measuring Volume II

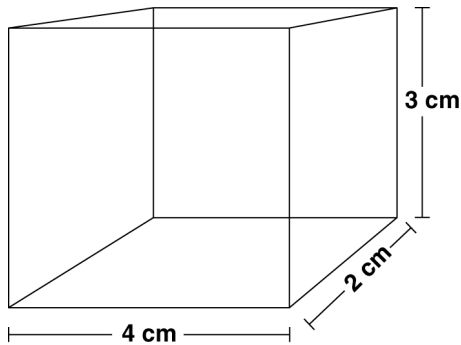
Write *true* if the statement is true. If the statement is false, change the underlined word to make the statement true.

- \_\_\_\_\_ 1. A balance can be used to measure volume.
- \_\_\_\_\_ 2. A large bottle of water could be measured in centimeters.
- \_\_\_\_\_ 3. The amount of space an object takes up is its volume.
- \_\_\_\_\_ 4. The volume of a cube that measures 10 cm on each side is 10,000 cm<sup>3</sup>.
- \_\_\_\_\_ 5. When using a glass graduated cylinder partially filled with water, always read the mark closest to the bottom of the meniscus.
- \_\_\_\_\_ 6. To find the volume of a box, multiply its length by its width by its height.
- \_\_\_\_\_ 7. A graduated cylinder should be read at eye level.
- \_\_\_\_\_ 8. One milliliter of liquid will completely fill a box with a volume of 1,000 cm<sup>3</sup>.

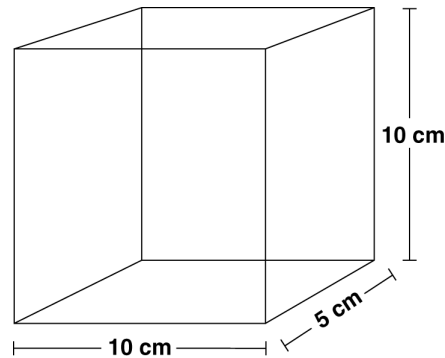
## Skill Challenge

**Skills:** calculating, using formulas

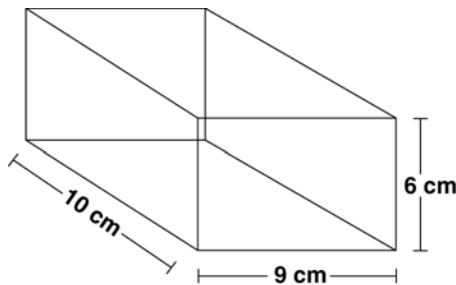
Find the volume of each figure shown below. Write your answers in the spaces provided.



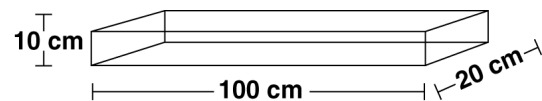
1. \_\_\_\_\_



2. \_\_\_\_\_



3. \_\_\_\_\_



4. \_\_\_\_\_

# Answer Key

## SCIENCE SKILLS AND INVESTIGATIONS

### Measuring Volume II

1. graduated cylinder 2. liters 3. true 4. 1,000 cm<sup>3</sup>  
5. true 6. true 7. true 8. liter

### Skill Challenge

1. 24 cm<sup>3</sup> 2. 500 cm<sup>3</sup> 3. 540 cm<sup>3</sup> 4. 20,000 cm<sup>3</sup>