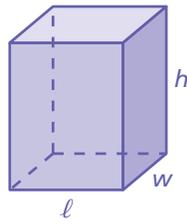


REVIEW: Volumes of Prisms

Name _____

Key Concept and Vocabulary



Base
 $V = Bh$
 $= \ell wh$

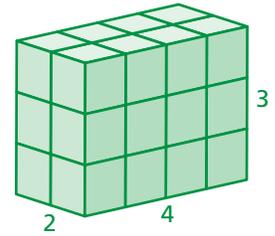


Visual Model

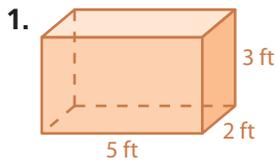
Volume of a Rectangular Prism

$$V = 2 \cdot 4 \cdot 3$$

$$= 24 \text{ units}^3$$



Skill Example



$$V = 5 \cdot 2 \cdot 3$$

$$= 30 \text{ ft}^3$$

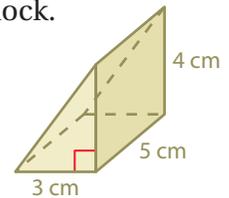
Application Example

2. Find the volume of the block.

$$V = Bh$$

$$= \left(\frac{1}{2} \cdot 3 \cdot 4\right) \cdot 5$$

$$= 30 \text{ cm}^3$$



••• The volume is 30 cubic centimeters.

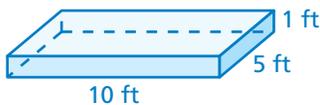
PRACTICE MAKES PURR-FECT™



Check your answers at BigIdeasMath.com.

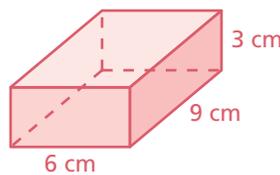
Find the volume of the prism.

3. Rectangular Prism



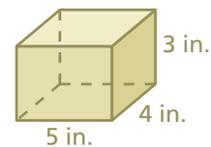
$V =$ _____

4. Rectangular Prism



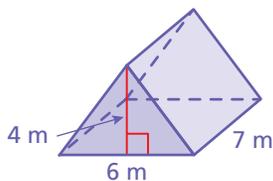
$V =$ _____

5. Rectangular Prism



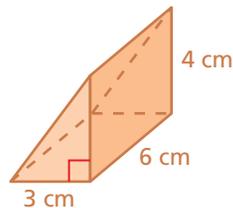
$V =$ _____

6. Triangular Prism



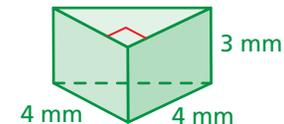
$V =$ _____

7. Triangular Prism



$V =$ _____

8. Triangular Prism



$V =$ _____

9. **AQUARIUM** How much water is needed to fill the aquarium? _____

10. **AQUARIUM** There are about 7.5 gallons in 1 cubic foot. How many gallons of water does the aquarium hold? _____

