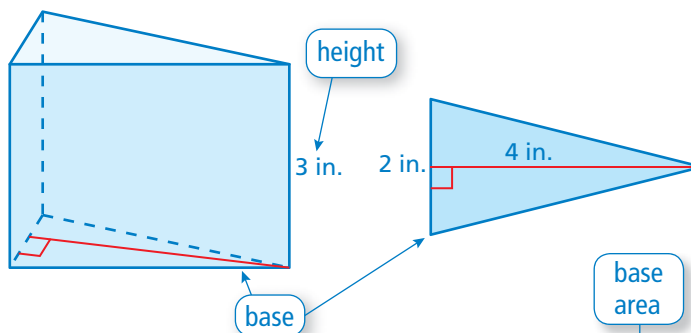


Volume of a Triangular Prism

Name _____

Key Concept and Vocabulary



base area height

$$\text{Volume} = \left(\frac{1}{2} \times 2 \times 4 \right) \times 3$$

$$= 12 \text{ in.}^3$$

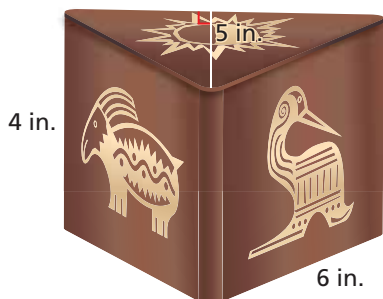


PRACTICE MAKES PURR-FECT™

Check your answers at BigIdeasMath.com.

Find the volume of the triangular prism. Include the units in your answer.

1.



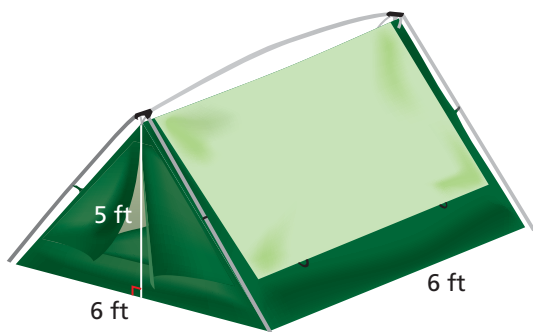
$$\text{Base area} = \frac{1}{2} \times 6 \times 5$$

$$= 15$$

base area height

$$\text{Volume} = 15 \times 4 = 60 \text{ in.}^3$$

2.



$$\text{Base area} = \frac{1}{2} \times 6 \times 6$$

$$= 18$$

base area height

$$\text{Volume} = 18 \times 5 = 90 \text{ ft}^3$$