

Area

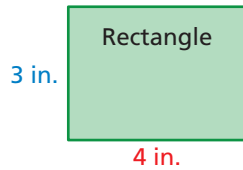
Name _____

Key Concept and Vocabulary

Rectangle:
Area = bh

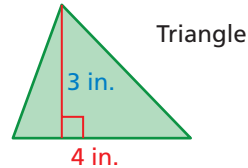


$$\begin{aligned}\text{Area} &= \text{Base} \times \text{Height} \\ &= 4 \times 3 \\ &= 12 \text{ in.}^2\end{aligned}$$



$$\text{Area} = \frac{1}{2} (\text{Base} \times \text{Height})$$

$$\begin{aligned}&= \frac{1}{2} (4 \times 3) \\ &= 6 \text{ in.}^2\end{aligned}$$



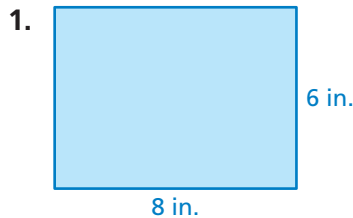
Triangle:
Area = $\frac{1}{2}bh$



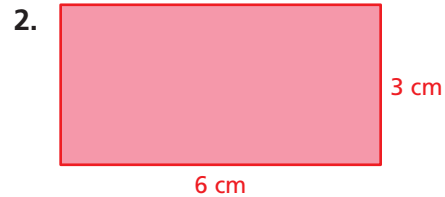
PRACTICE MAKES PURR-FECT™

Check your answers at BigIdeasMath.com.

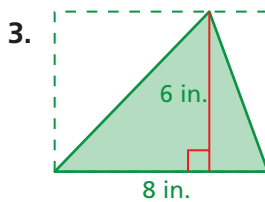
Write the area of the figure in . Include the units in your answer.



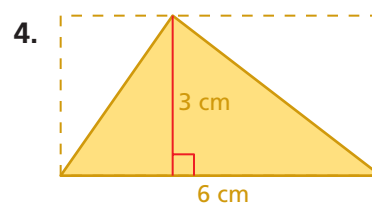
Area = 48 in.²



Area = 18 cm²



Area = 24 in.²



Area = 9 cm²

5. **WATERCOLOR** Find the area of the iguana painting.

Area = 6 ft²

6. **WATERCOLOR** If you doubled the base and the height, what is the area?

Area = 24 ft²

