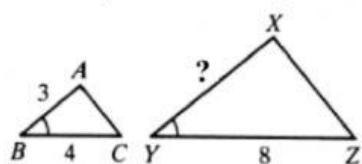


Similar Figures Worksheet

Name: _____ Date: _____

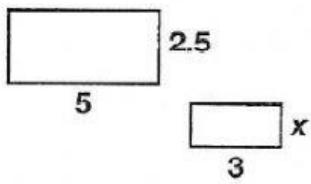
Learning Goal # 2: I can find the missing measurements of two similar figures.

Example 1: The figures in each pair are similar ($\triangle ABC \sim \triangle XYZ$).



$$\frac{\text{small } \triangle}{\text{big } \triangle} \quad \frac{4}{8} = \frac{3}{?}$$

Example 2: The figures in each pair are similar



$$\frac{\text{small } \square}{\text{big } \square} \quad \frac{3}{5} = \frac{x}{2.5}$$

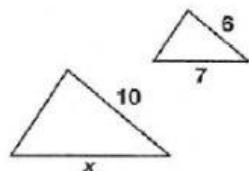
The missing side is _____.

$$X = \underline{\hspace{2cm}}$$

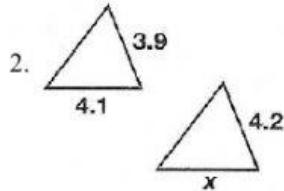
Practice Problems

Find the missing side(s) in each similar figure. **Show Work!**

1.



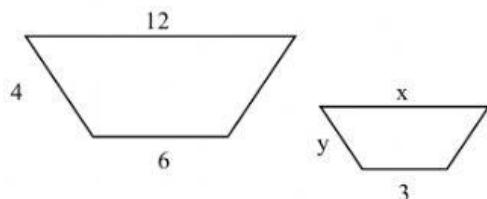
2.



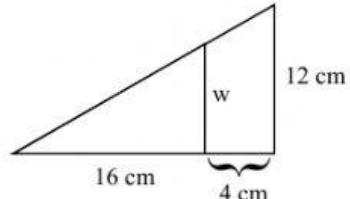
1. _____

2. _____

3.



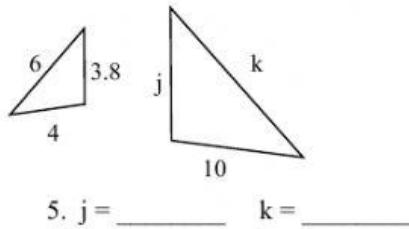
4.



x = _____ y = _____

w = _____

5.



6.

