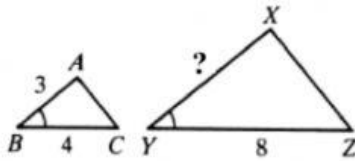


Similar Figures Worksheet

Name: _____ Date: _____

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

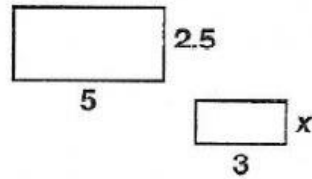
Example 1: The figures in each pair are similar ($\triangle ABC \sim \triangle XYZ$).



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

The missing side is _____.

Example 2: The figures in each pair are similar

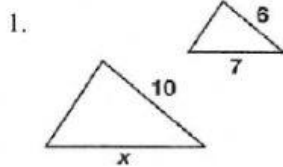


$$\frac{\text{small } \square}{\text{big } \square} = \frac{3}{5} = \frac{x}{2.5}$$

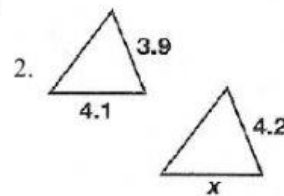
 X =

Practice Problems

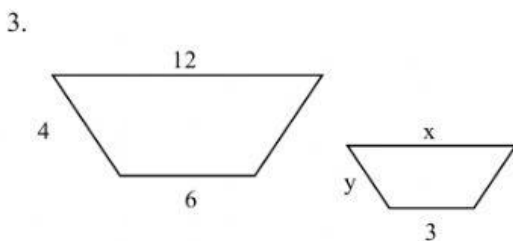
Find the missing side(s) in each similar figure. **Show Work!**



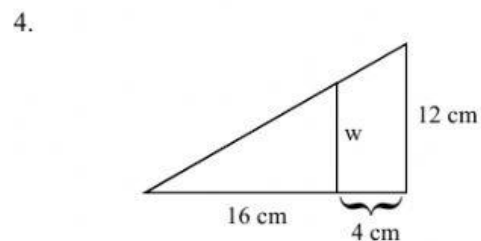
1. _____



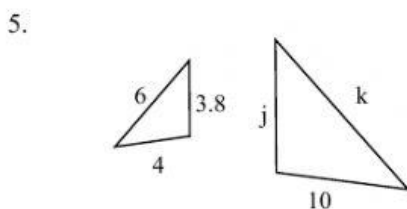
2. _____



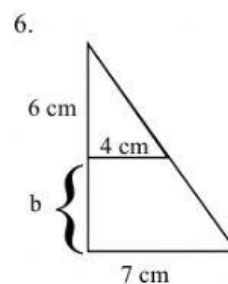
x = _____ y = _____



w = _____



5. j = _____ k = _____



b = _____