

Using Similar Figures Key

1. Possible answers are given.

$$\frac{10}{5} = \frac{x}{12}; x = 24 \text{ ft}$$

2. $\frac{14}{7} = \frac{x}{4}; x = 8 \text{ cm}$

3. $\frac{12}{16} = \frac{x}{24}; x = 18 \text{ in.}$

4. $\frac{18}{12} = \frac{x}{6}; x = 9 \text{ m}$ 5. 10.5 feet

6. 4 feet