

Name Key

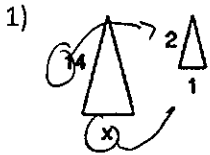
Date _____

Mrs. Roubos

8R Period _____

HOMEWORK # 42b

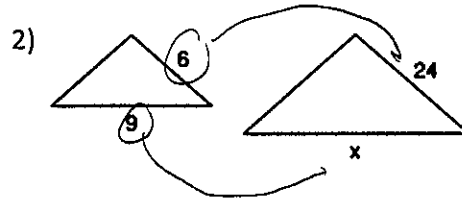
Each pair of figures is similar. Find the missing side.



$$\frac{14}{2} = \frac{x}{1}$$

$$\frac{2x}{2} = \frac{14}{2}$$

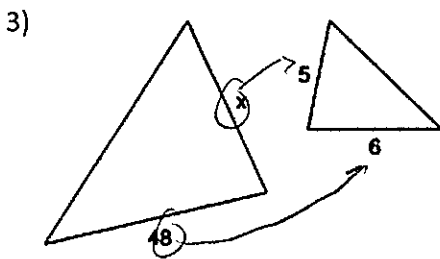
$$x = 7$$



$$\frac{9}{x} = \frac{6}{24}$$

$$\frac{6x}{6} = \frac{216}{6}$$

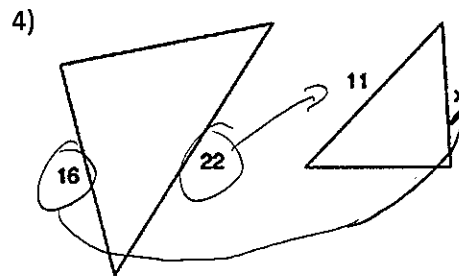
$$x = 36$$



$$\frac{x}{5} = \frac{48}{6}$$

$$\frac{6x}{6} = \frac{240}{6}$$

$$x = 40$$



$$\frac{16}{x} = \frac{22}{11}$$

$$\frac{22x}{22} = \frac{176}{22}$$

$$x = 8$$