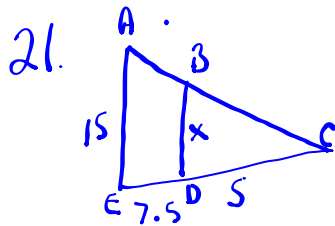


Chp 7.

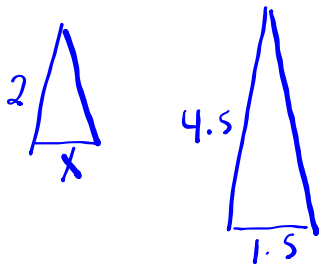
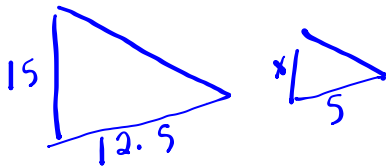


$$\frac{x}{15} = \frac{5}{12.5}$$

$$x = \frac{5(15)}{12.5}$$

$$= 6$$

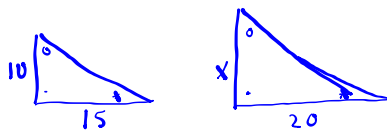
$$BD = 6$$



$$\frac{x}{1.5} = \frac{2}{4.5}$$

$$x = \frac{2(1.5)}{4.5}$$

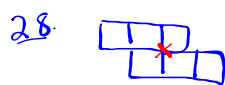
$$= 0.6$$



$$\frac{x}{10} = \frac{20}{15}$$

$$x = \frac{10(20)}{15}$$

$$= 13.\bar{3}$$



No line symmetry
Rotate 180° about x order 2

Unit 6 #13

$$12t - 8 < 16 + 13t$$

$$-t - 8 < 16$$

$$-t < 24$$

$$\begin{matrix} =1 & -1 \\ t & > -24 \end{matrix}$$



$$5 > x$$

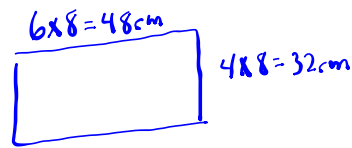
$$x < 5$$



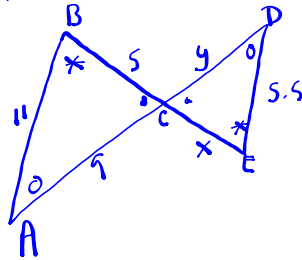
Chp 7 #1

$$\begin{aligned} \text{S.F.} &= \frac{\text{scale}}{\text{original}} \\ &= \frac{8 \text{ m}}{2 \text{ m}} \\ &= 4 \end{aligned}$$

#2



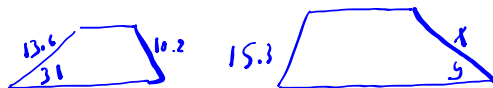
Chp 7 #22



$$\begin{aligned} \frac{y}{9} &= \frac{5.5}{11} \\ y &= \frac{5.5(9)}{11} \\ &= 4.5 \end{aligned}$$

$$\begin{aligned} \frac{x}{5} &= \frac{5.5}{11} \\ x &= \frac{5(5.5)}{11} \\ &= 2.5 \end{aligned}$$

Chp. 7 #19



$$y = 31^\circ$$

$$\frac{x}{13.6} = \frac{15.3}{10.2}$$

$$\begin{aligned} x &= \frac{13.6(15.3)}{10.2} \\ &= 20.4 \end{aligned}$$

Chp 7 #5

$$\begin{aligned} \text{S.F.} &= \frac{8}{0} \\ &= \frac{2}{8} \\ &= \frac{1}{4} \end{aligned}$$

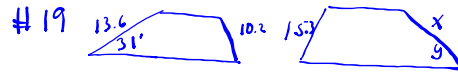
Chp 7 #24

4 lines of symmetry

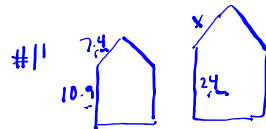
Period 5

Chp 7 #5

$$\begin{aligned} S.F. &= \frac{8}{2} \\ &= \frac{2}{8} \\ &= \frac{1}{4} \end{aligned}$$

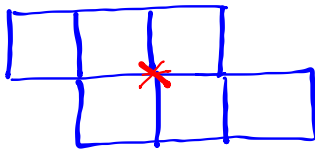


$$\begin{aligned} y &= 31^\circ \\ \frac{x}{13.6} &= \frac{15.3}{10.2} \\ x &= \frac{(15.3)(13.6)}{10.2} \\ &= 20.4 \end{aligned}$$



$$\begin{aligned} \frac{x}{7.4} &= \frac{24}{10.9} \\ x &= \frac{24(7.4)}{10.9} \\ &= 16.3 \text{ cm} \end{aligned}$$

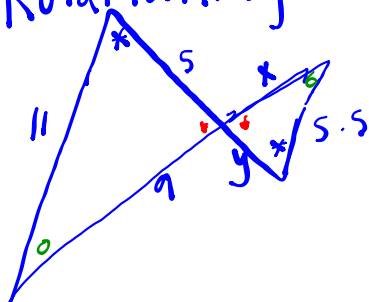
Chp 7 #28



No line symmetry

Rotational symmetry about * 180° Order 2

#22



$$\left. \begin{aligned} \frac{x}{9} &= \frac{5.5}{11} \\ x &= \frac{9(5.5)}{11} \\ &= 4.5 \end{aligned} \right\} \begin{aligned} \frac{y}{5} &= \frac{5.5}{11} \\ y &= \frac{5(5.5)}{11} \\ &= 2.5 \end{aligned}$$

Chp 7 #9

