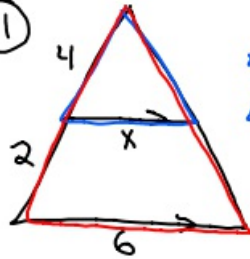


1-13-20 6th Geo

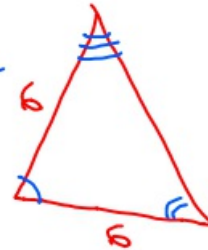
Chapter 7

PT 1

(11)



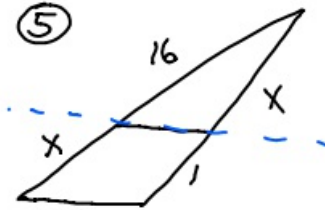
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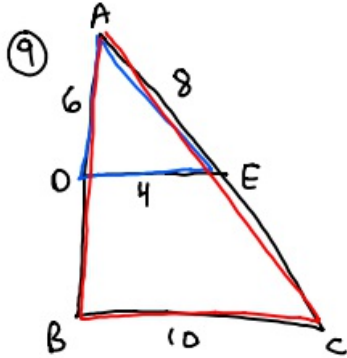
$$\frac{4}{6} = \frac{x}{6}$$
$$6x = 24$$
$$x = 4$$

PT 2

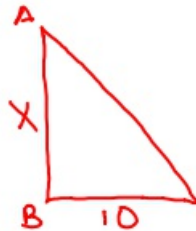
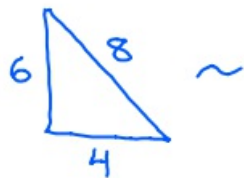
(5)



$$\frac{16}{x} = \frac{x}{1}$$
$$\sqrt{x^2} = \sqrt{16}$$
$$x = \pm 4$$



AB = ?

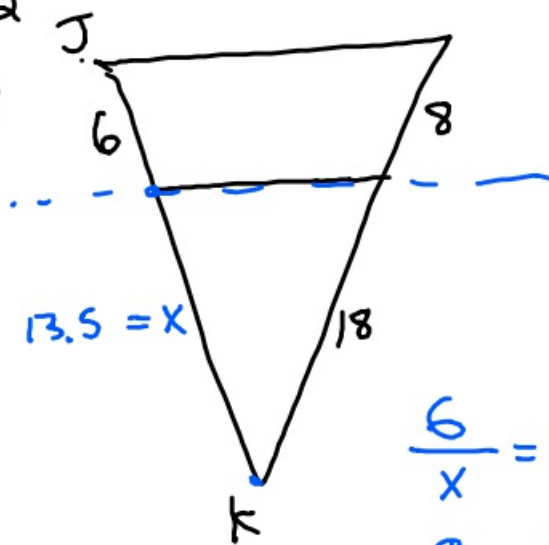


$$\frac{6}{x} = \frac{4}{10}$$

$$4x = 60$$
$$x = 15$$

PT 2

(4)



$$JK = 19.5$$

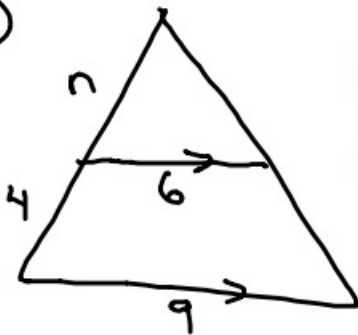
$$\frac{6}{x} = \frac{8}{18}$$

$$\frac{8x}{8} = \frac{108}{8}$$

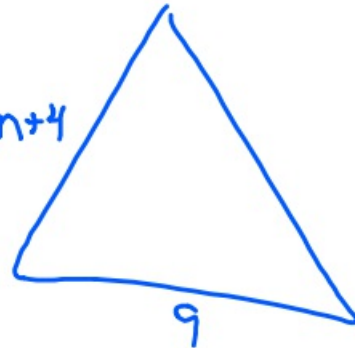
$$x = 13.5$$

New practice

(1)



n+4



$$\frac{n}{n+4} = \frac{6}{9}$$

$$9n = 6(n+4)$$

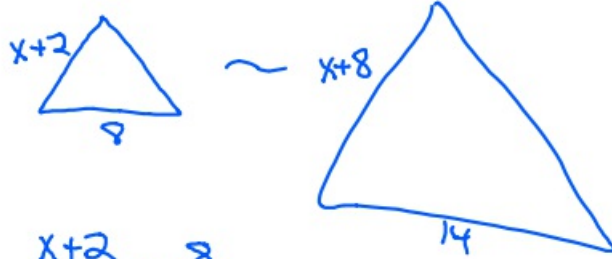
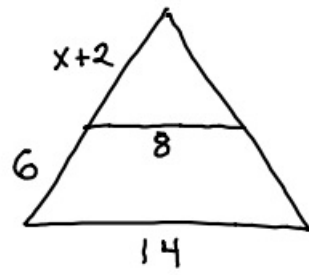
$$9n = 6n + 24$$

$$\begin{array}{r} 9n = 6n + 24 \\ -6n \quad -6n \\ \hline 3n = 24 \end{array}$$

$$3n = 24$$

$$n = 8$$

②



$$\frac{x+2}{x+8} = \frac{8}{14}$$

$$14(x+2) = 8(x+8)$$

$$14x + 28 = 8x + 64$$

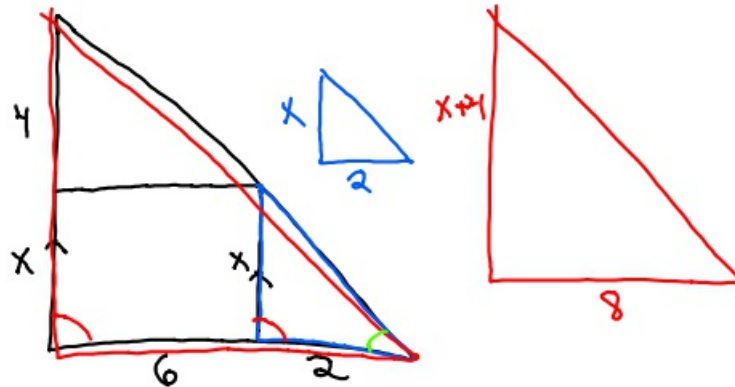
$$\begin{array}{r} -8x \\ \hline 6x + 28 = 64 \end{array}$$

$$\begin{array}{r} -28 \quad -28 \\ \hline 6x = 36 \end{array}$$

$$6x = 36$$

$$x = 6$$

③



$$\frac{x}{x+4} = \frac{2}{8}$$

$$8x = 2(x+4)$$

$$8x = 2x + 8$$

$$\begin{array}{r} -2x \quad -2x \\ \hline 6x = 8 \end{array}$$

$$6x = 8$$

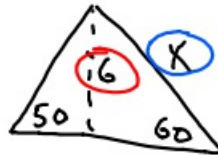
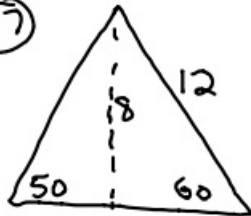
$$x = 1\frac{1}{3}$$

1-13-20 7th Geo

Chapter 7

PT 1

(17)



$$\frac{x}{12} = \frac{6}{8}$$

$$8x = 72$$

$$x = 9$$

PT 1

(22)



$$\frac{x}{12} = \frac{6}{8}$$

$$8x = 72$$

$$x = 9$$

PT 1

(5)

$$\frac{4}{n+2} = \frac{9}{2n+3}$$

$$9(n+2) = 4(2n+3)$$

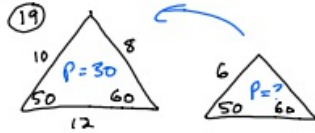
$$9n+18 = 8n+12$$

$$\begin{array}{r} 9n+18 = 8n+12 \\ -8n \quad -8n \\ \hline n+18 = 12 \end{array}$$

$$\begin{array}{r} n+18 = 12 \\ -18 \quad -18 \\ \hline n = -6 \end{array}$$

$$n = -6$$

PT 1

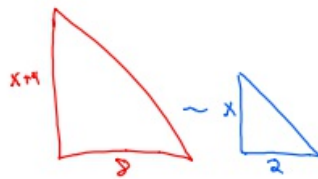
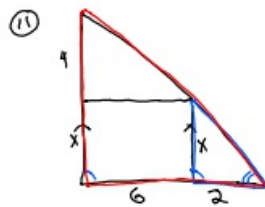
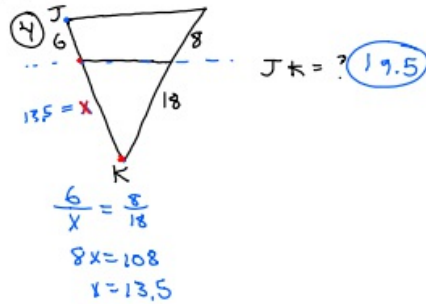


$$\frac{P}{30} = \frac{6}{10}$$

$$10P = 180$$

$$P = 18$$

PT 2



$$\frac{x+4}{x} = \frac{8}{2}$$

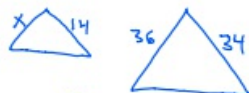
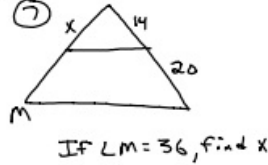
$$8x = 2(x+4)$$

$$8x = 2x + 8$$

$$\frac{6x}{6} = \frac{8}{6}$$

$$x = 1\frac{1}{3}$$

PT 2

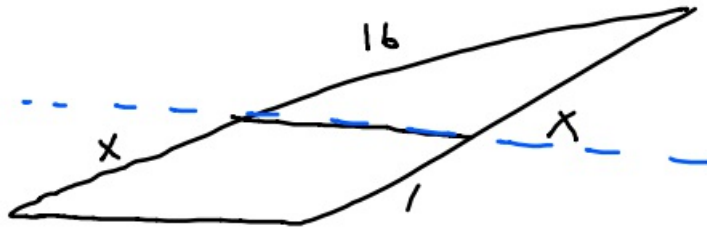


$$\frac{x}{36} = \frac{14}{34}$$

$$\frac{34x}{34} = \frac{504}{34}$$

$$x \approx 14.8$$

⑤



$$\frac{16}{x} = \frac{x}{1}$$

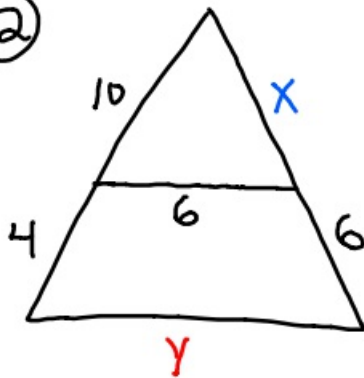
$$\sqrt{x^2} = \sqrt{16}$$

$$x = \pm 4$$

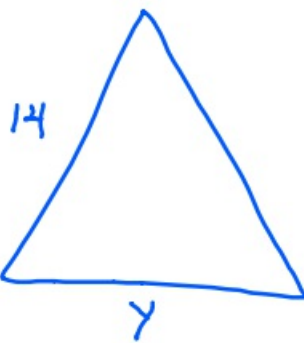
$$x = 4$$

PTZ

②



$$\frac{10}{4} = \frac{x}{6}$$
$$x = 15$$



$$\frac{10}{14} = \frac{6}{y}$$

$$10y = 84$$

$$y = 8.4$$