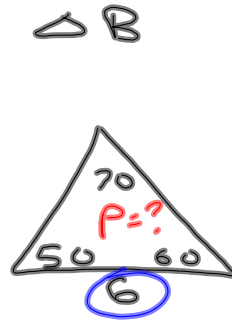
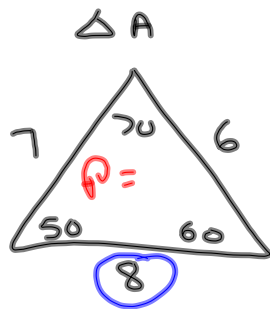


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1<sup>st</sup> 6<sup>co</sup>

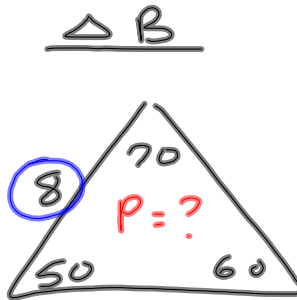
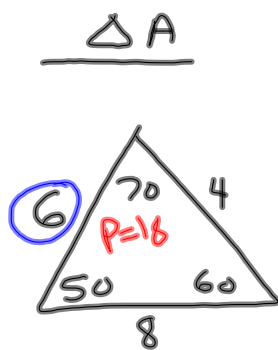


What is the perimeter of  $\triangle B$ ?

$$\frac{8}{6} = \frac{21}{P}$$

$$\cancel{8} P = \frac{126}{\cancel{8}}$$

$$P = 15\frac{3}{4}$$

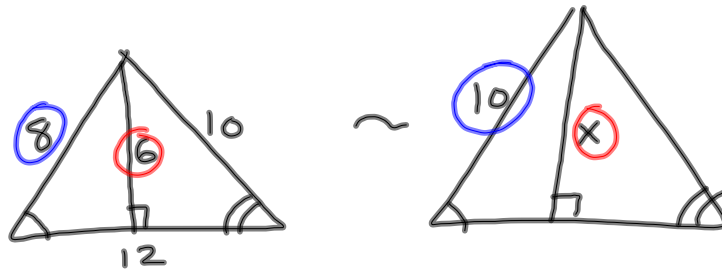


What is  $\triangle B$ 's perimeter?

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

$$\cancel{6} P = \frac{144}{\cancel{6}}$$

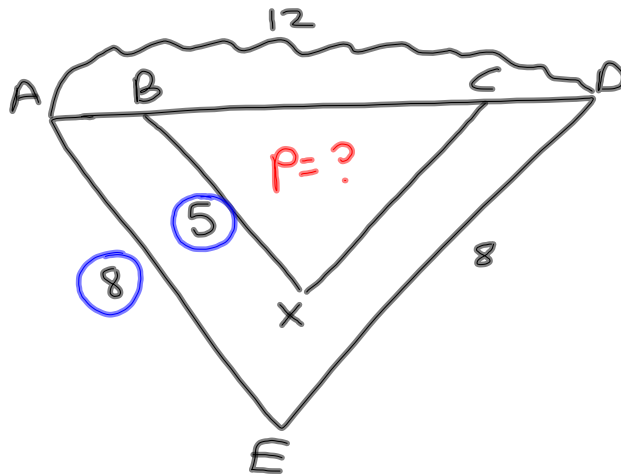
$$P = 24$$



$$\frac{8}{10} = \frac{6}{x}$$

$$\frac{8x}{8} = \frac{60}{8}$$

$$x = 7\frac{1}{2}$$



$\triangle BCX \sim \triangle ADE$ . What is perimeter of  $\triangle BCX$ ?

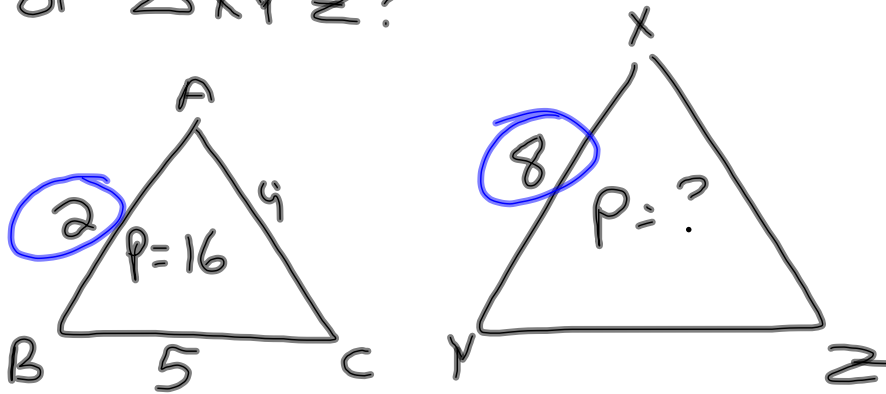
$$\frac{5}{8} = \frac{P}{28}$$

$$\frac{5P}{8} = \frac{140}{8}$$

$$P = 17.5$$

$\triangle ABC \sim \triangle XYZ$ . If  $AB = 2$ ,  $BC = 5$ ,  $AC = 9$ , and  $XY = 8$ , what is the perimeter of  $\triangle XYZ$ ?

$\triangle ABC \sim \triangle XYZ$ . If  $AB = 2$ ,  
 $BC = 5$ ,  $AC = 9$ , and  $XY = 8$ ,  
What is the perimeter  
of  $\triangle XYZ$ ?



$$\frac{2}{8} = \frac{16}{P}$$

$$\frac{2P}{2} = \frac{128}{2}$$

$$P = 64$$

