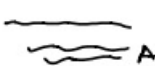


1-28-20 2<sup>nd</sup> Geo  
Review Quiz Recovery

Cecil Hickum  
RQ1

- |            |            |
|------------|------------|
| <u>5-1</u> | <u>5-2</u> |
| ① A        | ① $x-6$    |
| ② B        | ② $62$     |
| ③ C        | ③ A        |
| ④ C        | ④ B        |
| ⑤ A        | ⑤ $3x-7$   |

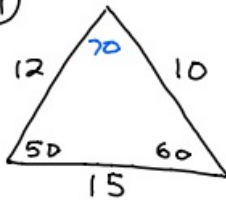
Scratch

- 5-1  
① 

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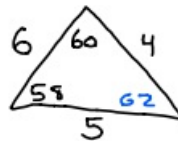
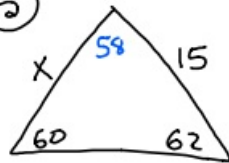
Similar Triangles

①

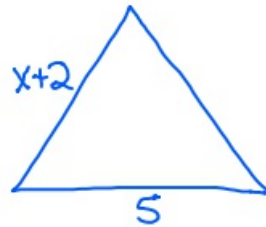
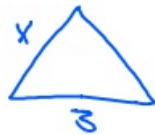
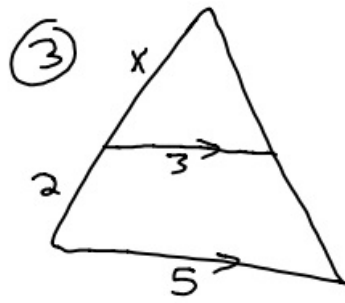


$$\frac{x}{10} = \frac{6}{15}$$
$$15x = 60$$
$$x = 4$$

②



$$\frac{x}{6} = \frac{15}{5}$$
$$5x = 90$$
$$x = 18$$



~~$$\frac{x}{x+2} = \frac{3}{5}$$~~

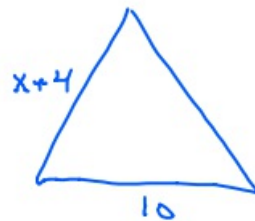
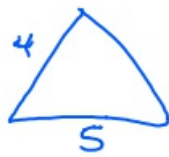
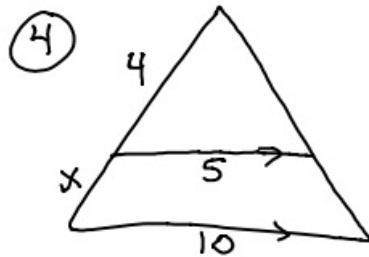
$$5x = 3(x+2)$$

$$5x = 3x + 6$$

$$\begin{array}{r} -3x \quad -3x \\ \hline \end{array}$$

$$\frac{2x}{2} = \frac{6}{2}$$

$$x = 3$$



$$\frac{4}{x+4} = \frac{5}{10}$$

$$5(x+4) = 40$$

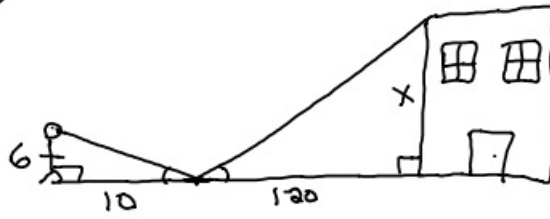
$$5x + 20 = 40$$

$$\begin{array}{r} -20 \quad -20 \\ \hline \end{array}$$

$$5x = 20$$

$$x = 4$$

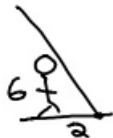
5



$$\frac{6}{x} = \frac{10}{120}$$

$$10x = 720$$

$$x = 72$$

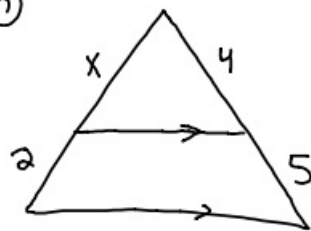


$$\frac{6}{x} = \frac{2}{11}$$

$$2x = 66$$

$$x = 33$$

7

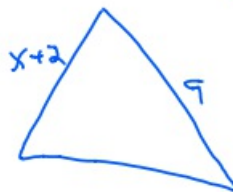


Side Splitter

$$\frac{x}{2} = \frac{4}{5}$$

$$5x = 8$$

$$x = 1.6$$



$$\frac{x}{x+2} = \frac{4}{9}$$

$$9x = 4(x+2)$$

$$9x = 4x + 8$$

$$5x = 8$$

$$x = 1.6$$