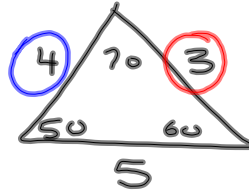
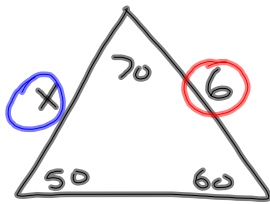


2-10-14

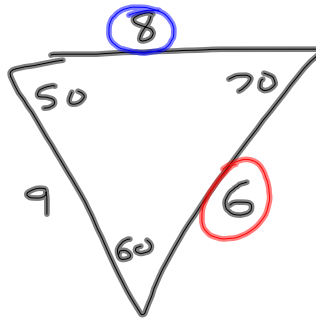
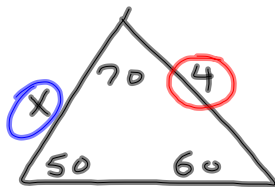
1<sup>st</sup> Geo



$$\frac{x}{4} = \frac{6}{3}$$

$$3x = 24$$

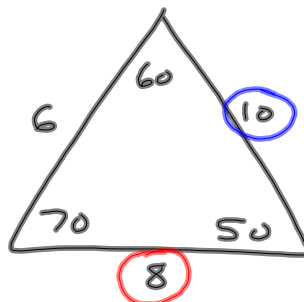
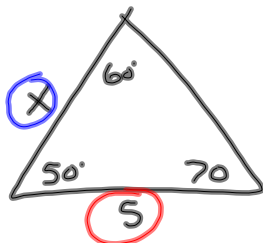
$$x = 8$$



$$\frac{x}{8} = \frac{4}{6}$$

$$\frac{6x}{6} = \frac{32}{6}$$

$$x = 5\frac{2}{6} = 5\frac{1}{3}$$



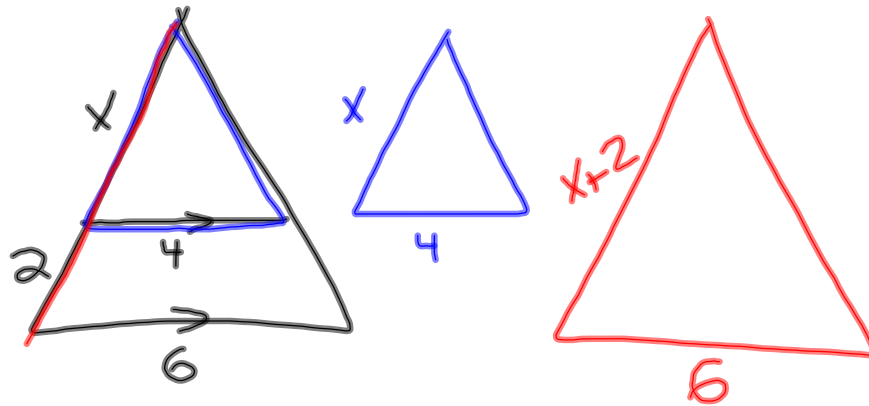
$$\frac{x}{10} = \frac{5}{8}$$

$$\frac{8x}{8} = \frac{50}{8}$$

$$x = 6\frac{2}{8}$$

$$x = 6\frac{1}{4}$$

$$\begin{array}{r} 6 \\ 8 \overline{) 50} \\ \underline{-48} \\ 2 \end{array}$$

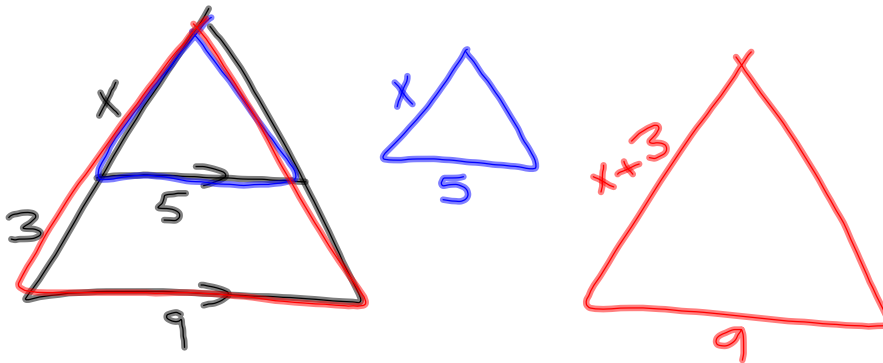


$$\frac{x}{x+2} = \frac{4}{6}$$

$$4x + 8 = 6x$$

$$\begin{array}{r} -4x \quad -4x \\ \hline 8 = 2x \end{array}$$

$$x = 4$$



$$\frac{x}{x+3} = \frac{5}{9}$$

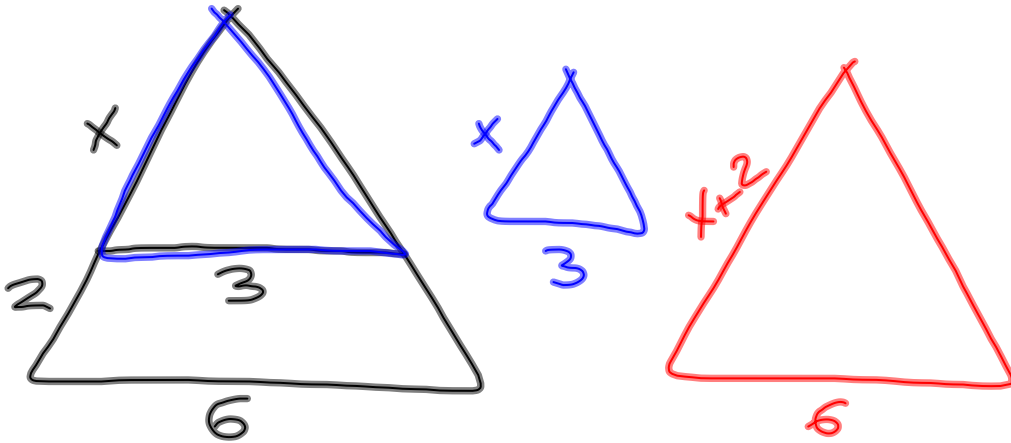
$$5x + 15 = 9x$$

$$\begin{array}{r} -5x \quad -5x \\ \hline 15 = 4x \end{array}$$

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

$$3\frac{3}{4} = x$$

$$4 \overline{) \begin{array}{r} 15 \\ -12 \\ \hline 3 \end{array}}$$



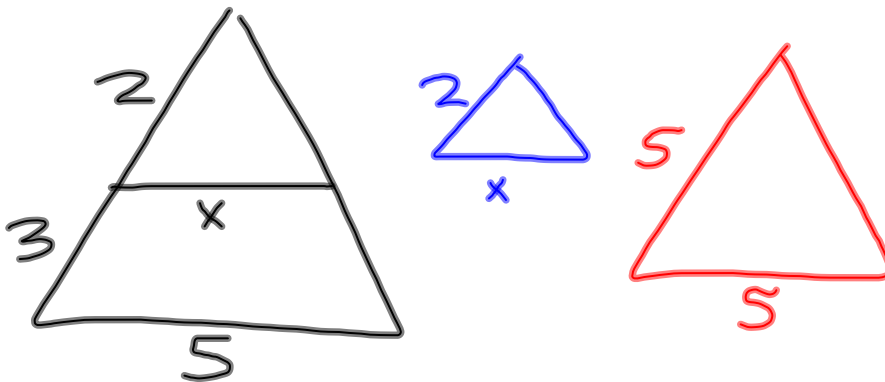
$$\frac{x}{x+2} = \frac{3}{6}$$

$$3(x+2) = 6x$$

$$\begin{array}{r} 3x + 6 = 6x \\ -3x \quad -3x \\ \hline \end{array}$$

$$6 = 3x$$

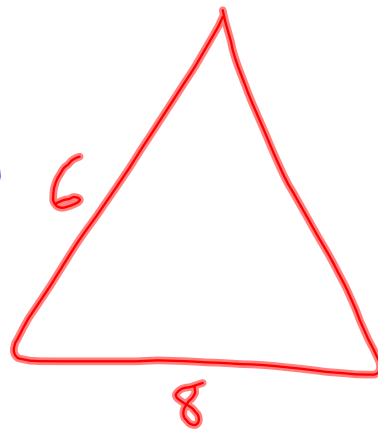
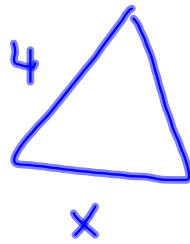
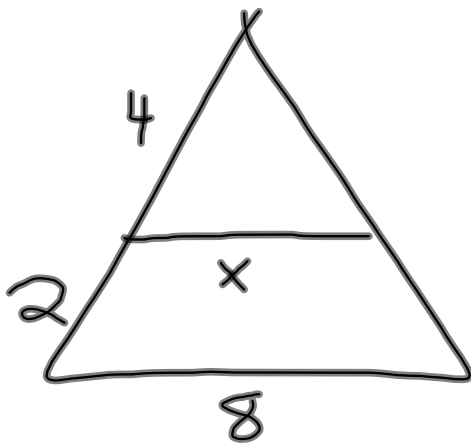
$$x = 2$$



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

$$5x = 10$$

$$x = 2$$



$$\frac{4}{6} = \frac{x}{8}$$

$$\frac{6x}{6} = \frac{32}{6}$$

$$x = 5\frac{2}{6}$$

$$x = 5\frac{1}{3}$$

$$\begin{array}{r} 5 \\ 6 \overline{) 32} \\ \underline{-30} \\ 2 \end{array}$$