

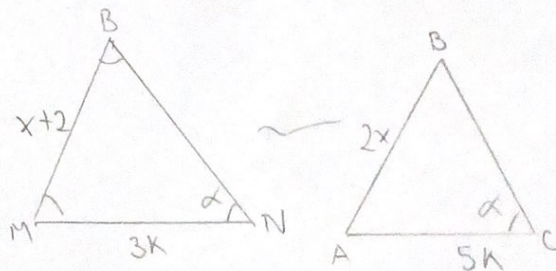
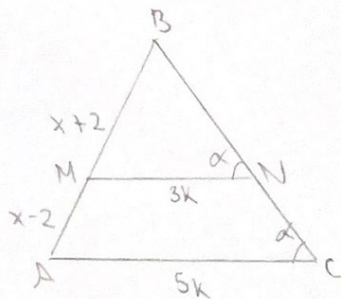
5.-

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

$$x^2 = 16$$

$$x = 4$$

6.-



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

7.-

$$2\alpha = x+5$$

$$\alpha = x$$

$$2x = x+5$$

$$x = 5$$

$$y = x+5$$

$$y = 10$$

$$y_0 x = x+5$$

$$5y = 10$$

$$y = 2$$

$$5x+10 = 6x$$

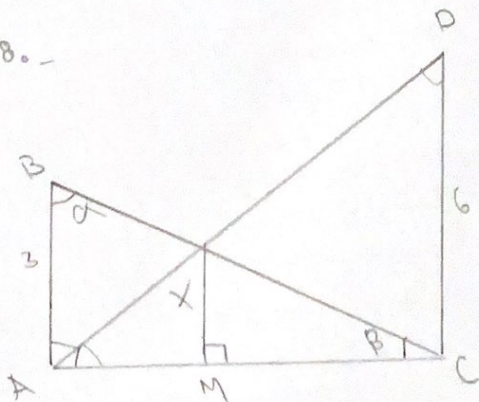
$$10 = x$$

$$x+y$$

$$5+8$$

$$13$$

8.-

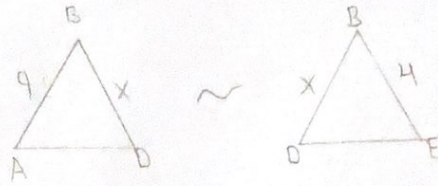
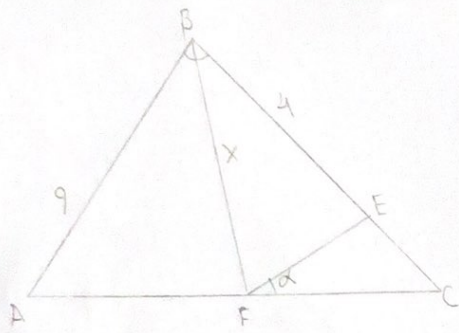


$$\alpha + \beta = 90^\circ$$

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

$$x = \frac{18}{9}$$

$$x = 2$$

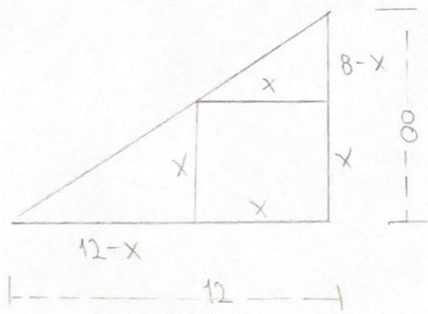


$$\frac{9}{x} = \frac{x}{4}$$

$$36 = x^2$$

$$x = 6$$

2.-



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

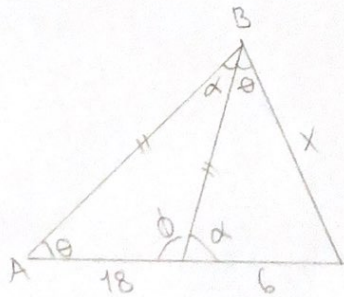
$$8x = 12(8-x)$$

$$8x = 96 - 12x$$

$$20x = 96$$

$$x = 4,8$$

3.-

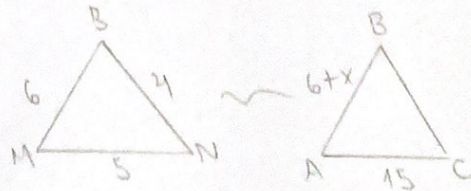
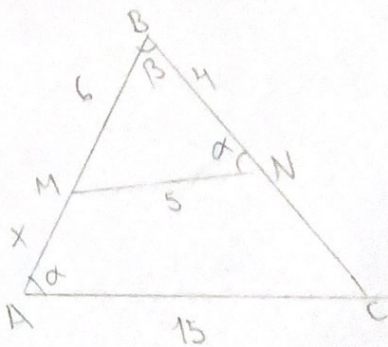


$$\frac{x}{6} = \frac{24}{x}$$

$$x^2 = 144$$

$$x = 12$$

4.-



$$5 = 4$$

$$15 = 6+x$$

$$30 + 5x = 60$$

$$5x = 30$$

$$x = 6$$