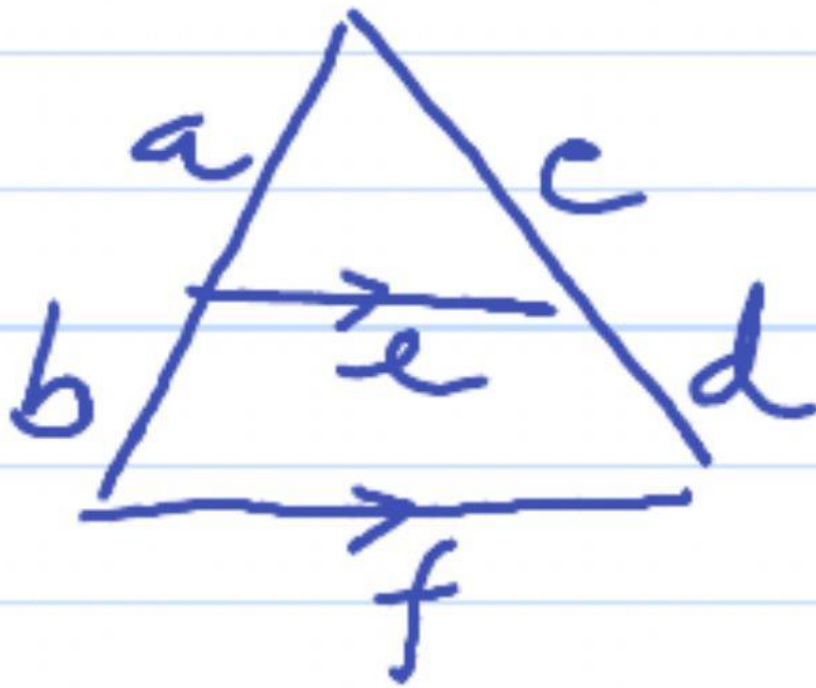


LKPD

Kesebangunan Segitiga

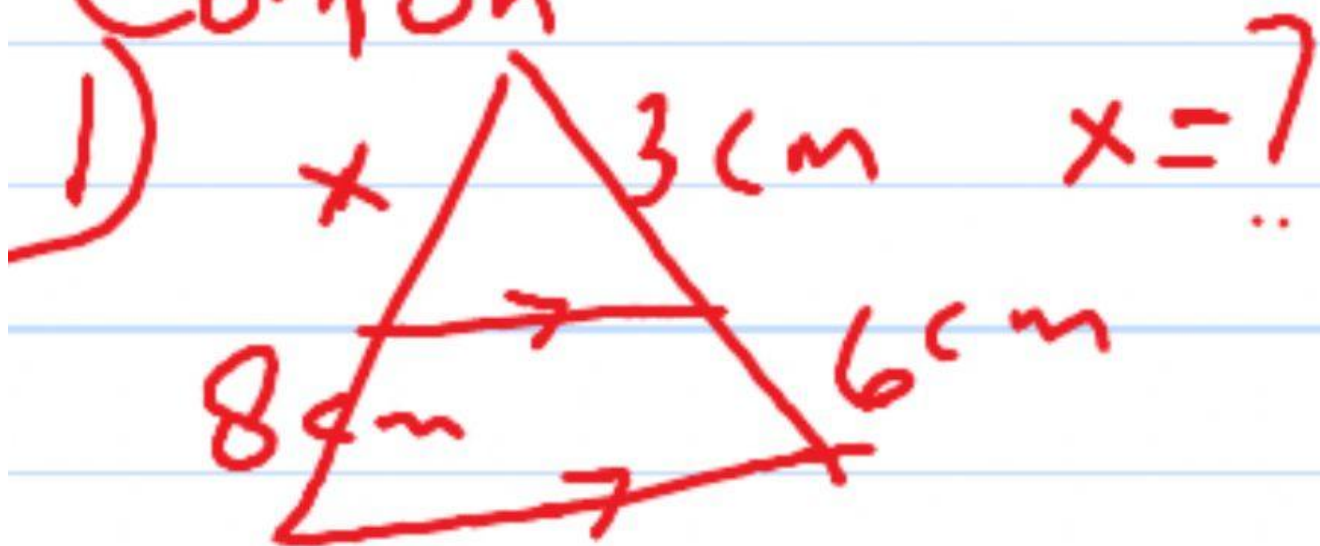


$$\frac{a}{b} = \frac{c}{d} \neq \frac{e}{f}$$

atau

$$\frac{a}{a+b} = \frac{c}{c+d} = \frac{e}{f}$$

Contoh:



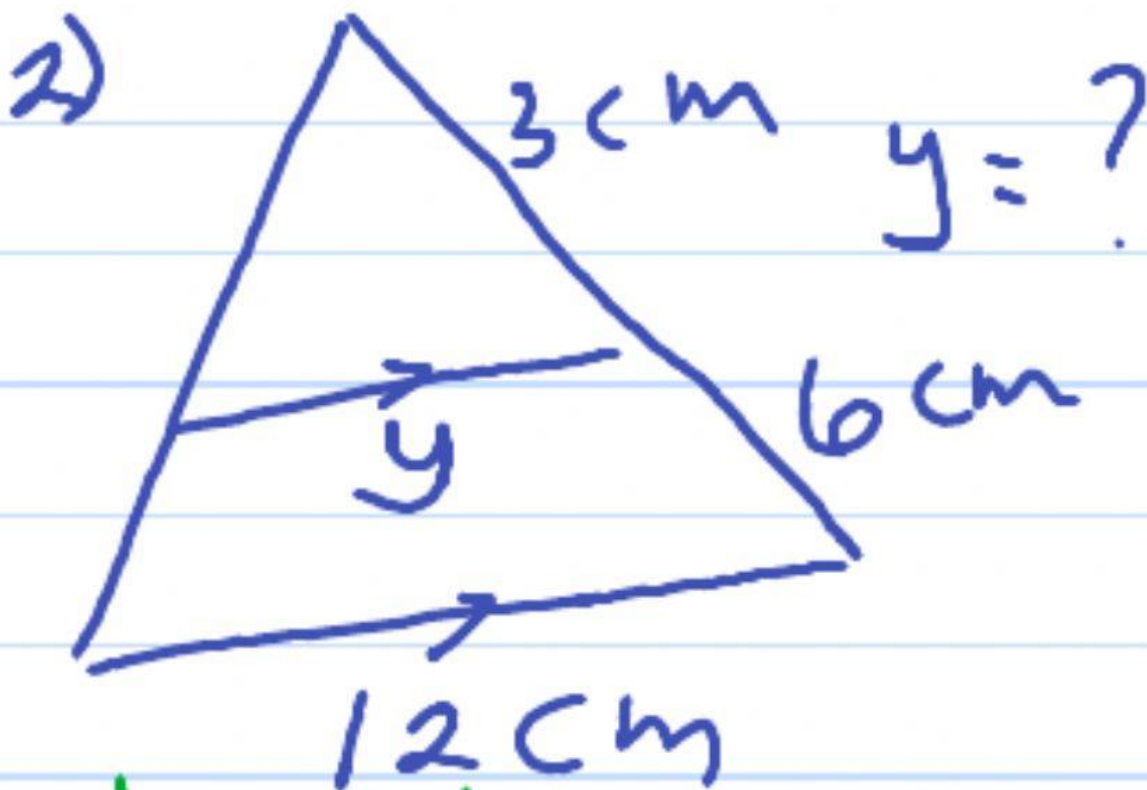
Jawab

$$\frac{x}{8} = \frac{3}{6}$$

$$x = \frac{3}{6} \times 8$$

$$= \frac{1}{2} \times 8$$

$$= 4\text{ cm}$$



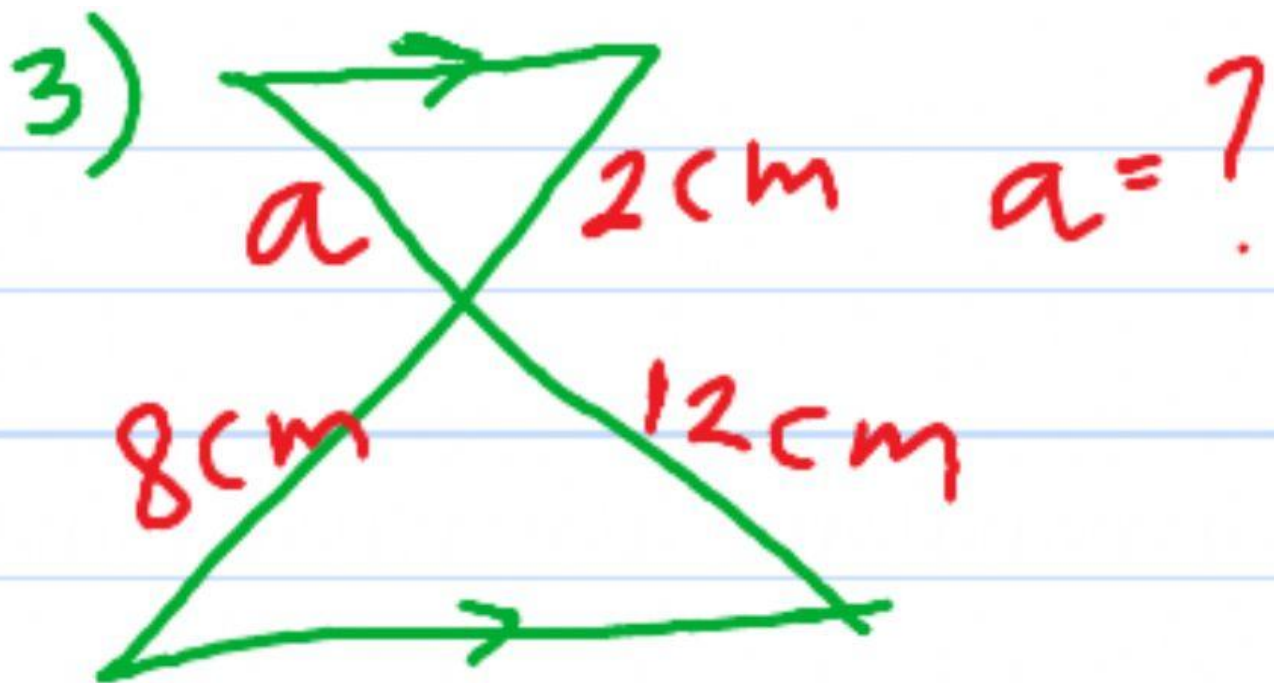
Jawab :

$$\frac{y}{12} = \frac{3}{3+6}$$

$$\frac{y}{12} = \frac{3}{9}$$

$$y = \frac{3}{9} \times 12$$

$$y = 4 \text{ cm}$$



Jawab

$$\frac{a}{12} = \frac{2}{8}$$

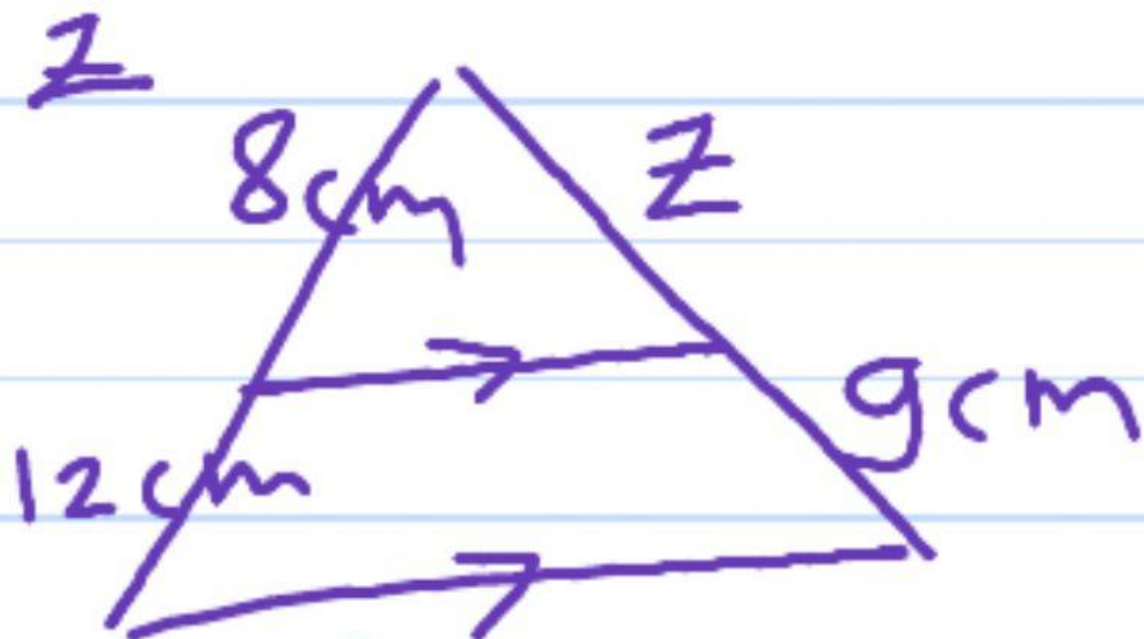
$$a = \frac{2}{8} \times 12$$

$$a = \frac{1}{4} \times 12$$

$$a = 3\text{cm}$$

Soal Latihan

1) Tentukan Nilai



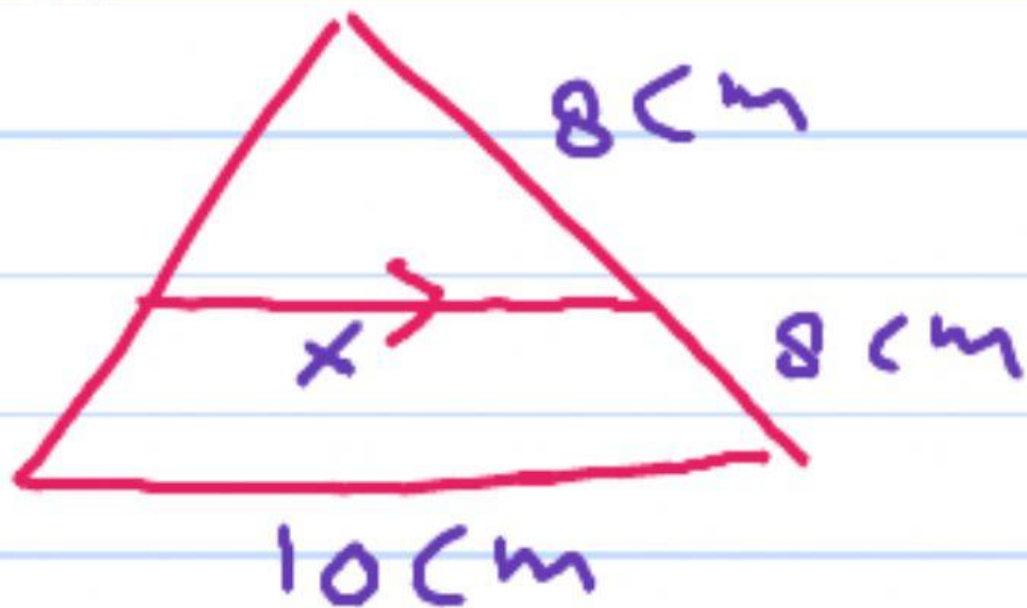
Jawab

$$\frac{Z}{9} = \frac{8}{12}$$

$$Z = \frac{8}{12} \times 9$$

$$Z = 6$$

2) Tentukan hilai,
x



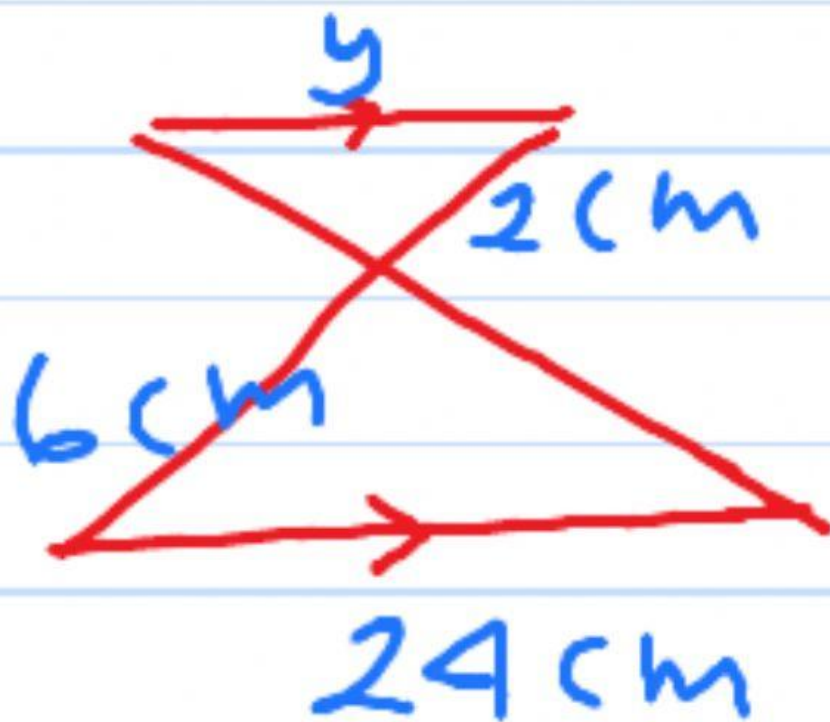
Jawab

$$\frac{x}{10} = \frac{\quad}{\quad}$$

$$x = \frac{\quad}{\quad} \times 10$$

$$x =$$

3) Tentukanlah nilai
 y



Jawab

$$\frac{y}{24} = \frac{2}{6}$$

$$y =$$