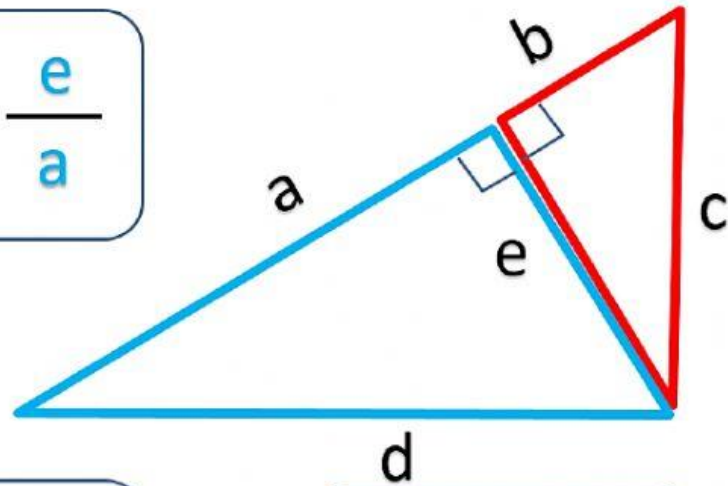




Simak dulu videonya ya anak-anak ... Posisi hp mendatar



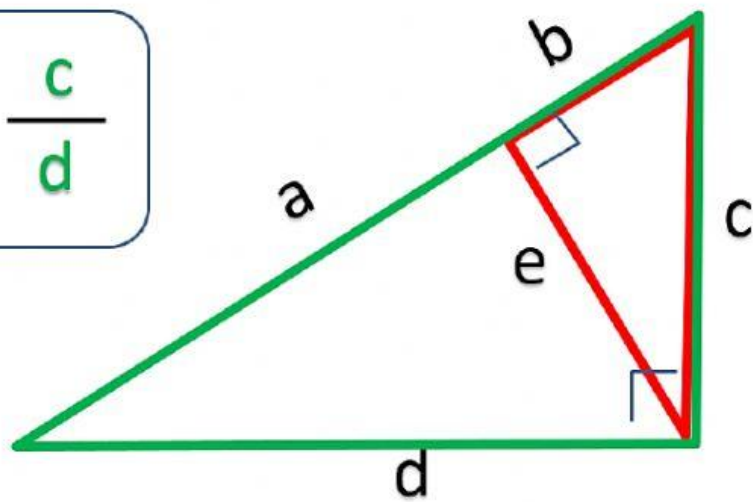
$$\frac{b}{e} = \frac{e}{a}$$



$$\frac{b}{c} = \frac{e}{d}$$

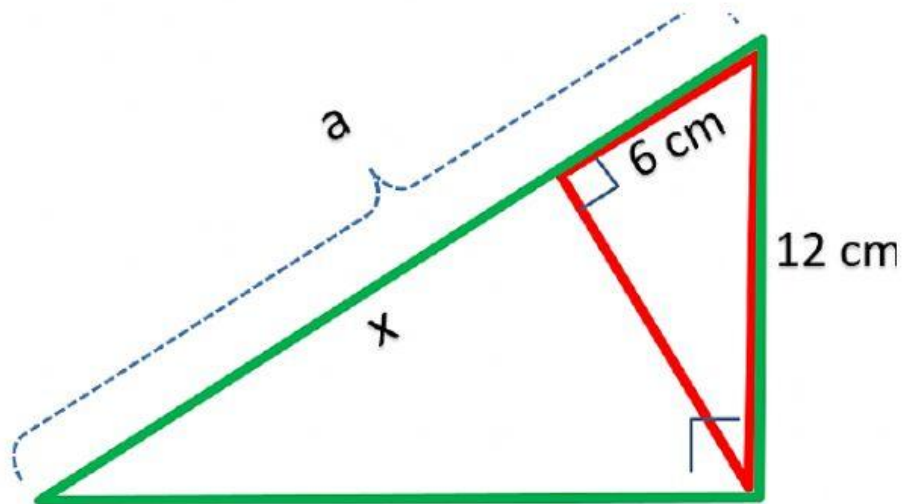
$$\frac{e}{c} = \frac{a}{d}$$

$$\frac{b}{e} = \frac{c}{d}$$



$$\frac{b}{c} = \frac{c}{a+b}$$

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

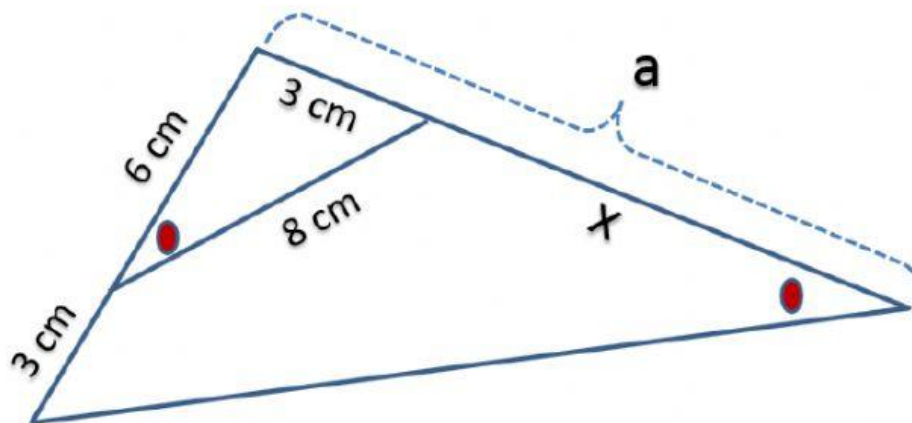


$$\frac{6}{12} = \frac{12}{a}$$

$$6a = 12 \cdot 12$$

$$a = 24$$

Jadi panjang x
 $= 24 - 6 = 18 \text{ cm}$



$$\frac{3}{6} = \frac{9}{a}$$

$$3a = 6 \cdot 9$$

$$a = 18$$

Jadi panjang x
 $= 18 - 3 = 15 \text{ cm}$

TUGAS

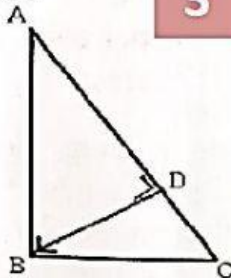
(LKS hal 42,43,44)

1

Perhatikan gambar berikut.

Jika panjang $AB = 20$ cm dan $AD = 16$ cm, panjang CD adalah....

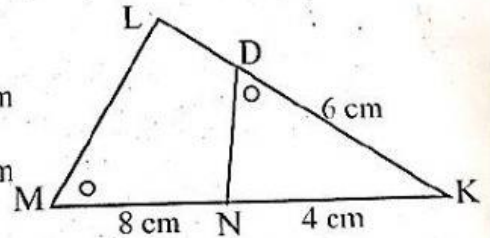
- A. 8 cm
- B. 9 cm
- C. 10 cm
- D. 12 cm



3

Perhatikan gambar di samping. Panjang LD adalah

- A. 9 cm
- B. 8,5 cm
- C. 8 cm
- D. 7,5 cm

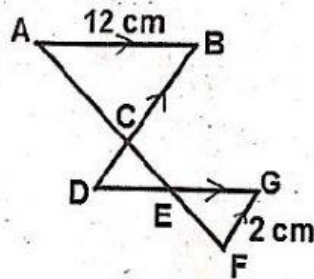


2

Perhatikan gambar!

Diketahui $AB = BD = DG$. Panjang BC adalah

- A. 5 cm
- B. 6 cm
- C. 7 cm
- D. 8 cm

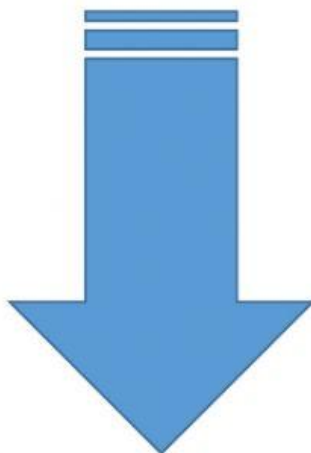


Kerjakan Tugas seperti ini ya anak-anak,,

Jika sudah selesai, isi kotak-kotak di bawah ini sesuai jawabanmu yg ada di buku tugas.

Anak-anak bisa melihat nilai dan jawaban yg benar (warna hijau) dan yg salah (warna merah).

Kemudian dibetulkan kalau ada yang salah ya anak-anakku sayaaang...

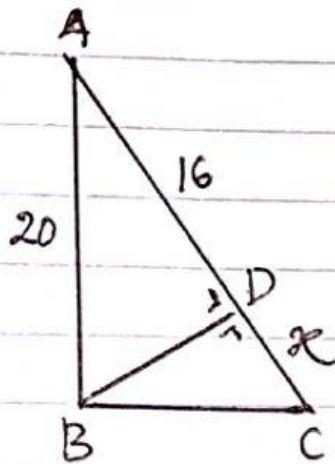


Tugas 3 Segitiga-segitiga yg Sebangun (Part-2)

No.

Date :

1)



$\triangle BDA$

Pythagoras

$$BD^2 = 20^2 - \dots$$

$$= 400 - \dots$$

$$= \dots$$

$$BD = \sqrt{\dots} = \dots$$

Atau dg Tripel Pythagoras

3, 4, 5

..., 16, 20

$\triangle CDB$ sebangun $\triangle BDA$

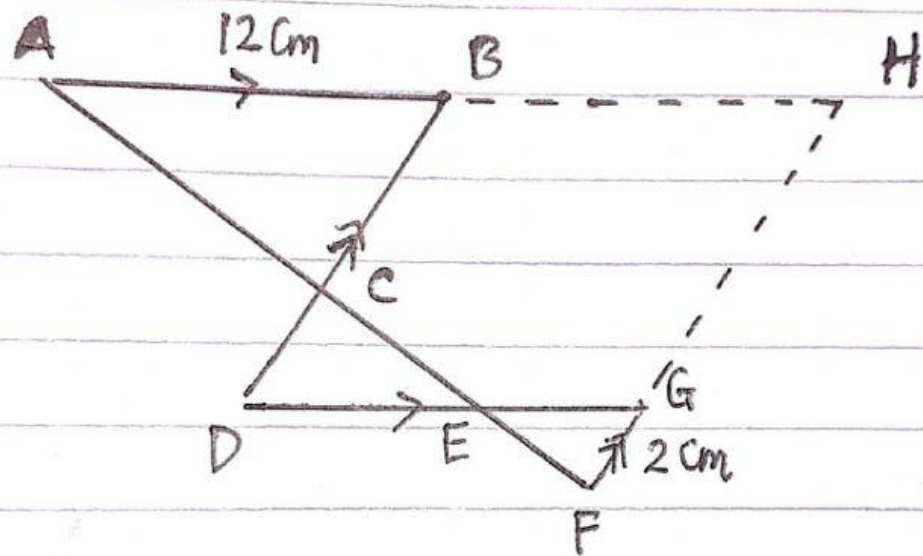
$$\frac{x}{BD} = \frac{BD}{\dots}$$

$$\frac{x}{\dots} = \frac{\dots}{\dots}$$

$$\dots x = \dots \times \dots$$

$$x = \dots$$

2)



$$AB = BD = DG = 12 \text{ cm}$$

$$GH = \dots \text{ cm}$$

$$BH = \dots \text{ cm}$$

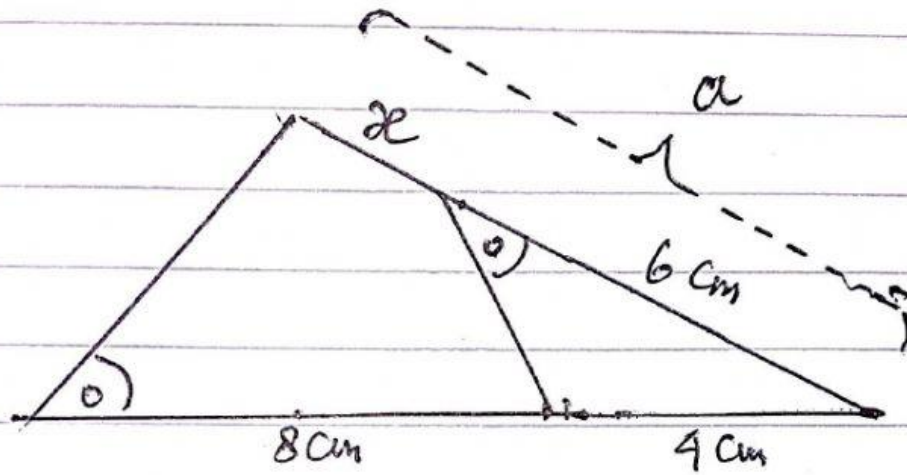
$$FH = \dots \text{ cm}$$

$$\frac{12}{BC} = \frac{\dots}{\dots}$$

$$\dots BC = 12 \times \dots$$

$$BC = \dots$$

3)



$$\frac{6}{4} = \frac{\dots}{\dots}$$

$$\dots a = \dots x \dots$$

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

$$\begin{aligned} \text{Jadi } x &= \dots \text{ cm} - \dots \text{ cm} \\ &= \dots \text{ cm} \end{aligned}$$

Terima Kasih