

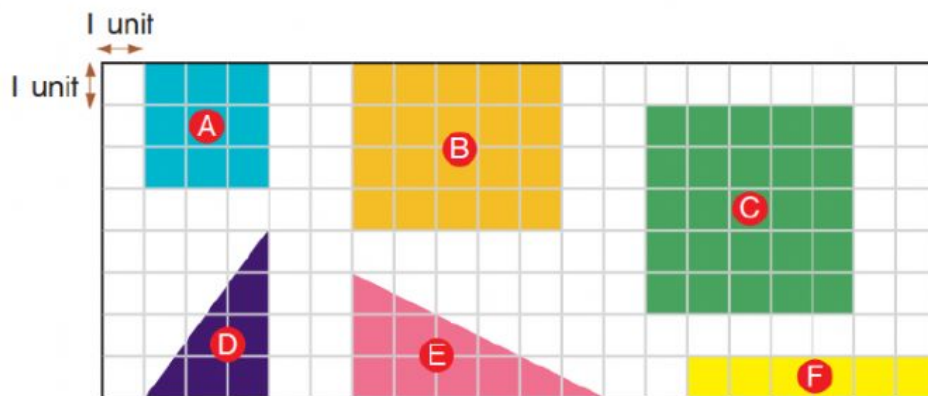
MENENTUKAN LUAS

Menentukan luas segi empat sama, segi empat tepat dan segi tiga bersudut tegak dengan menggunakan rumus.

NAMA : _____

TINGKATAN : _____

1. Lihat rajah di petak grid. Jawab soalan.



(a) Cari luas

$$A = \boxed{} \text{ cm}^2$$

$$D = \boxed{} \text{ cm}^2$$

$$B = \boxed{} \text{ cm}^2$$

$$E = \boxed{} \text{ cm}^2$$

$$C = \boxed{} \text{ cm}^2$$

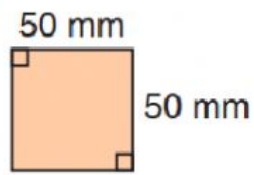
$$F = \boxed{} \text{ cm}^2$$

2. Kira rajah luas berwarna.

(a)

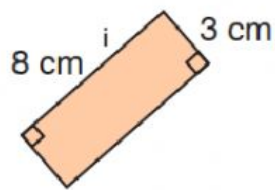
Luas = $\boxed{}^i \text{ cm}$ x $\boxed{} \text{ cm}$ = $\boxed{} \text{ cm}^2$

(b)



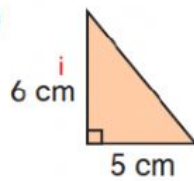
$$\text{Luas} = \boxed{} \text{ mm} \times \boxed{} \text{ mm} = \boxed{} \text{ mm}^2$$

(c)



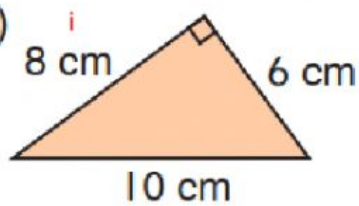
$$\text{Luas} = \boxed{} \text{ cm} \times \boxed{} \text{ cm} = \boxed{} \text{ cm}^2$$

(d)

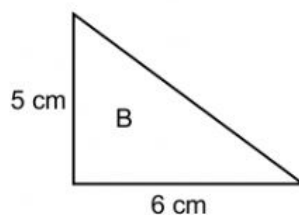
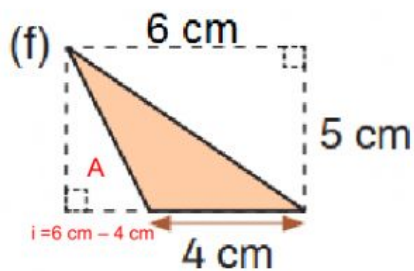


$$\text{Luas} = \frac{1}{2} \times \boxed{} \text{ cm} \times \boxed{} \text{ cm} = \boxed{} \text{ cm}^2$$

(e)



$$\text{Luas} = \frac{1}{2} \times \boxed{} \text{ cm} \times \boxed{} \text{ cm} = \boxed{} \text{ cm}^2$$



$$\text{Luas A} = \frac{1}{2} \times 5 \text{ cm} \times \boxed{} \text{ cm} = \boxed{} \text{ cm}^2$$

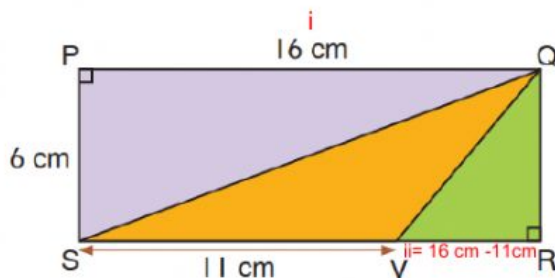
$$\text{Luas B} = \frac{1}{2} \times 5 \text{ cm} \times \boxed{} \text{ cm} = \boxed{} \text{ cm}^2$$

Luas kawasan berwarna = Luas B – Luas A

$$= \boxed{} \text{ cm}^2 - \boxed{} \text{ cm}^2$$

$$= \boxed{} \text{ cm}^2$$

3.



Rajah menunjukkan, PQRS ialah segi empat tepat.

Cari luas segi tiga

(a) PQS

(b) QRV

(c) QSV

(a) Luas PQS = $\frac{1}{2} \times \boxed{}^{\text{i}} \text{ cm} \times \boxed{} \text{ cm} = \boxed{} \text{ cm}^2$

(b) Luas QRV = $\frac{1}{2} \times \boxed{} \text{ cm} \times \boxed{}^{\text{ii}} \text{ cm} = \boxed{} \text{ cm}^2$

Luas PQS = Luas QSR

(c) Luas QSV = Luas QSR – Luas QRV

$$= \boxed{} \text{ cm}^2 - \boxed{} \text{ cm}^2 = \boxed{} \text{ cm}^2$$