

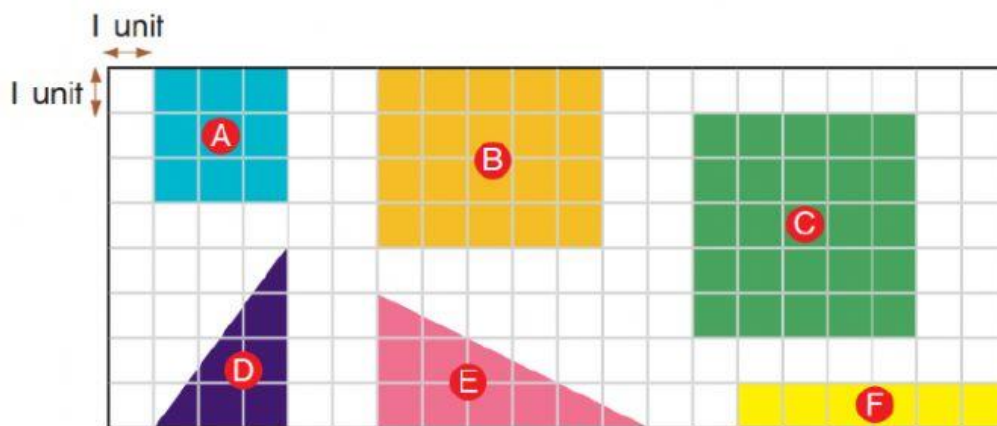
MENENTUKAN LUAS

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

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

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

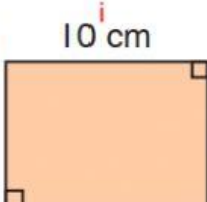
$$B = \boxed{} \text{ cm}^2$$

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

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

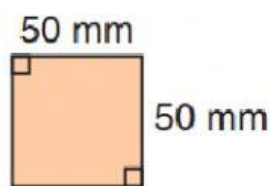
$$F = \boxed{} \text{ cm}^2$$

2. Kira rajah luas berwarna.

(a) 

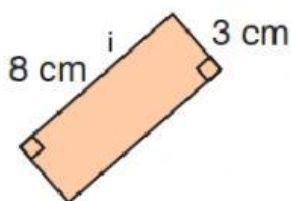
Luas = $\boxed{} \text{ cm}$ x $\boxed{} \text{ cm}$ = $\boxed{} \text{ cm}^2$

(b)



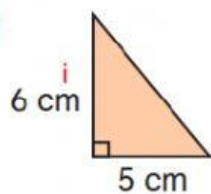
Luas = mm x mm = mm²

(c)



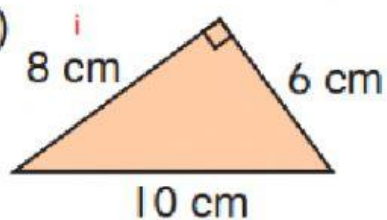
Luas = cm x cm = cm²

(d)

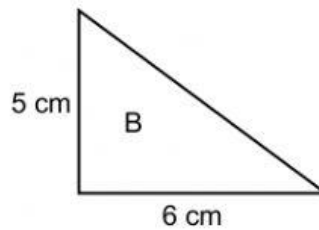
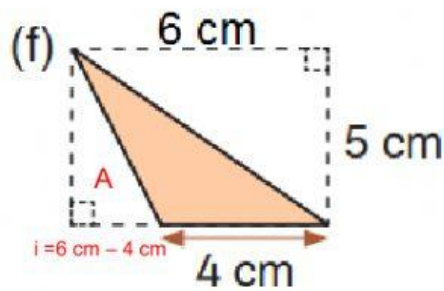


Luas = $\frac{1}{2}$ x cm x cm = cm²

(e)



Luas = $\frac{1}{2}$ x cm x cm = cm²



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

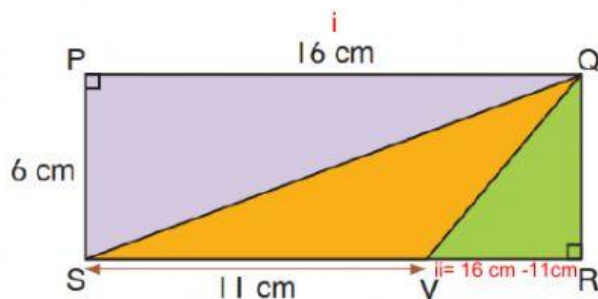
$$\text{Luas B} = \frac{1}{2} \times 5 \text{ cm} \times \boxed{} \text{ cm} = \boxed{} \text{ cm}^2$$

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

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

Luas PQS = Luas QSR

(c) $\text{Luas QSV} = \text{Luas QSR} - \text{Luas QRV}$

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