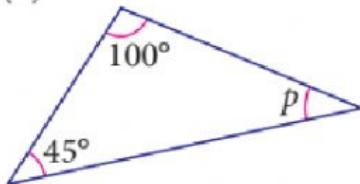


**Latih Diri 9.2b**

1. Cari nilai  $p$  dalam setiap segi tiga yang berikut.

(a)



$$45^\circ + 100^\circ + p = \quad {}^\circ$$

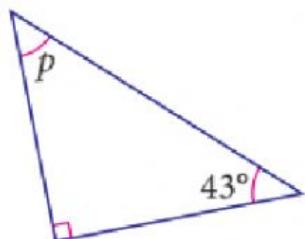
$$\quad {}^\circ + p = \quad {}^\circ$$

$$\quad p = \quad {}^\circ - \quad {}^\circ$$

$$\quad p = \quad {}^\circ$$

Hasil tambah  
sudut pedalaman  
suatu segi tiga

(b)



$$90^\circ + 43^\circ + p = \quad {}^\circ$$

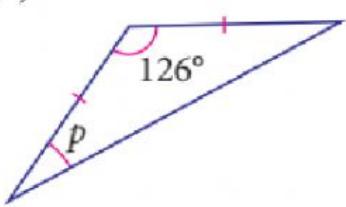
$$\quad {}^\circ + p = \quad {}^\circ$$

$$\quad p = \quad {}^\circ - \quad {}^\circ$$

$$\quad p = \quad {}^\circ$$

Hasil tambah  
sudut pedalaman  
suatu segi tiga

(c)



$$126^\circ + p + p = \quad {}^\circ$$

$$126^\circ + 2p = \quad {}^\circ$$

$$2p = \quad {}^\circ - \quad {}^\circ$$

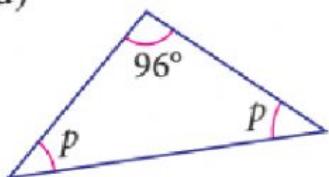
$$2p = \quad {}^\circ$$

$$p = \frac{\quad {}^\circ}{2}$$

$$p = \quad {}^\circ$$

Hasil tambah  
sudut pedalaman  
suatu segi tiga

(d)



$$96^\circ + p + p = \quad {}^\circ$$

$$96^\circ + 2p = \quad {}^\circ$$

$$2p = \quad {}^\circ - \quad {}^\circ$$

$$2p = \quad {}^\circ$$

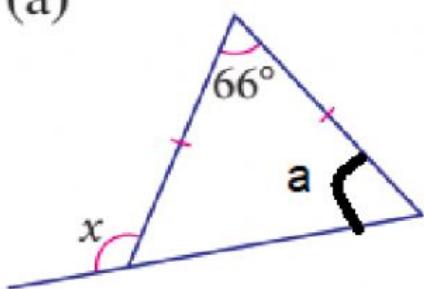
$$p = \frac{\quad {}^\circ}{2}$$

$$p = \quad {}^\circ$$

Hasil tambah  
sudut pedalaman  
suatu segi tiga

2. Cari nilai  $x$  dalam setiap rajah yang berikut.

(a)



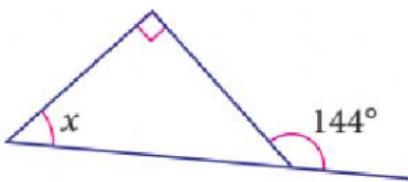
$$\begin{aligned} a + a + 66^\circ &= 180^\circ \\ 2a &= 180^\circ - 66^\circ \\ a &= \frac{180^\circ - 66^\circ}{2} \\ &= 62^\circ \end{aligned}$$

Hasil tambah sudut pedalaman ialah  $180^\circ$ .

$$\begin{aligned} x &= 66^\circ + a \\ &= 66^\circ + 62^\circ \\ &= 128^\circ \end{aligned}$$

Sudut peluaran sama dengan hasil tambah dua sudut pedalaman

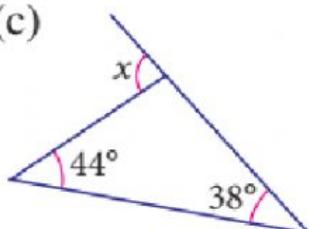
(b)



$$\begin{aligned} x + \text{exterior angle} &= 180^\circ \\ x + 144^\circ &= 180^\circ \\ x &= 180^\circ - 144^\circ \\ &= 36^\circ \end{aligned}$$

Sudut peluaran sama dengan hasil tambah dua sudut pedalaman

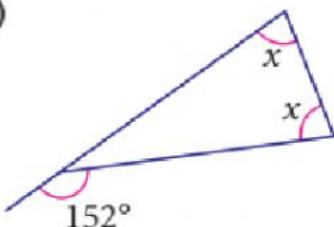
(c)



$$\begin{aligned} x &= 44^\circ + 38^\circ \\ &= 82^\circ \end{aligned}$$

Sudut peluaran sama dengan hasil tambah dua sudut pedalaman

(d)



$$\begin{aligned} x + x &= 180^\circ \\ 2x &= 180^\circ \\ x &= \frac{180^\circ}{2} \\ &= 90^\circ \end{aligned}$$

Sudut peluaran sama dengan hasil tambah dua sudut pedalaman