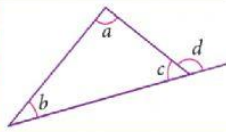




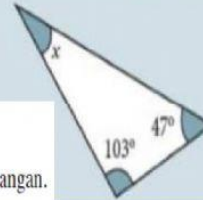
BAB 9: POLIGON ASAS (KUIZ 3)

SUDUT PEDALAMAN DAN PELUARAN BAGI SEGI TIGA



$$\begin{aligned} a + b + c &= 180^\circ \\ c + d &= 180^\circ \\ d &= a + b \end{aligned}$$

CONTOH / EXAMPLE



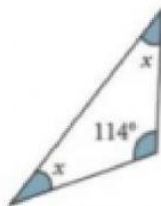
$$\begin{aligned} x + 103^\circ + 47^\circ &= 180^\circ \\ x &= 180^\circ - 103^\circ - 47^\circ \\ &= 30^\circ \end{aligned}$$

NOTA

- (i) hasil tambah sudut-sudut pedalaman ialah 180° .
- (ii) hasil tambah sudut pedalaman dan sudut peluaran bersebelahan ialah 180° .
- (iii) sudut peluaran adalah sama dengan hasil tambah dua sudut pedalaman bertentangan.

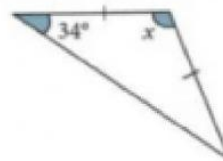
ARAHAN: Lengkapkan tempat kosong untuk mencari nilai x bagi setiap rajah berikut.

(a)



$$\begin{aligned} x + x + &= 180 \\ 2x &= 180 - \\ 2x &= \\ x &= \end{aligned}$$

(b)



$$\begin{aligned} x + 34 + &= 180 \\ x + &= 180 \\ x &= 180 - \\ x &= \end{aligned}$$

(c)



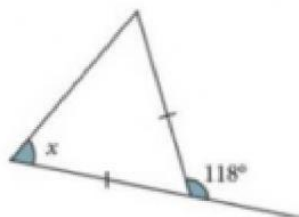
$$\begin{aligned} x + 75 &= 135 \\ x &= 135 - \\ x &= \end{aligned}$$

(d)



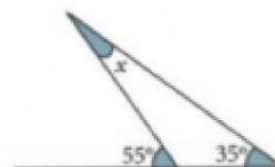
$$\begin{aligned} + 76 &= x \\ &= x \\ x &= \end{aligned}$$

(e)



$$\begin{aligned} x + &= 118 \\ &= 118 \\ x &= \end{aligned}$$

(f)



$$\begin{aligned} x + 35 &= 55 \\ x &= 55 - \\ x &= \end{aligned}$$