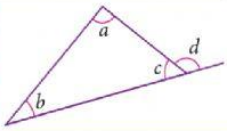
MARKAH:

MATEMATIK TINGKATAN 1

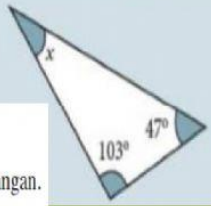
BAB 9: POLIGON ASAS (KUIZ 3)

SUDUT PEDALAMAN DAN PELUARAN BAGI SEGI TIGA



$a + b + c = 180°$
$c + d = 180°$
$d = a + b$

CONTOH / EXAMPLE



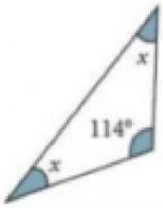
$x + 103° + 47° = 180°$
$x = 180° - 103° - 47°$
$= 30°$

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.

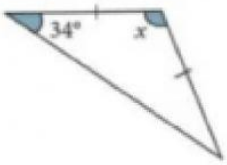
ARAHAN: Lengkapkan tempat kosong untuk mencari nilai *x* bagi setiap rajah berikut.

(a)



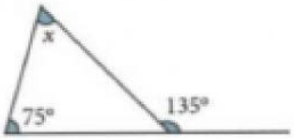
x + x + ☐ = 180
2x = 180 - ☐
2x = ☐
x = ☐

(b)



x + 34 + ☐ = 180
x + ☐ = 180
x = 180 - ☐
x = ☐

(c)

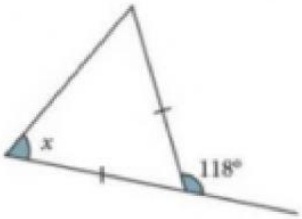


x + 75 = 135
x = 135 - ☐
x = ☐

(d)

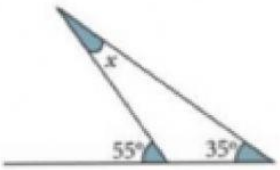
☐ + 76 = x
☐ = x
x = ☐

(e)



x + ☐ = 118
☐ = 118
x = ☐

(f)



x + 35 = 55
x = 55 - ☐
x = ☐

LIVEWORKSHEETS