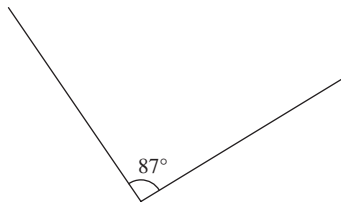


Jawapan

Praktis 8

Praktis Formatif

1



Jawapan/Answer: C

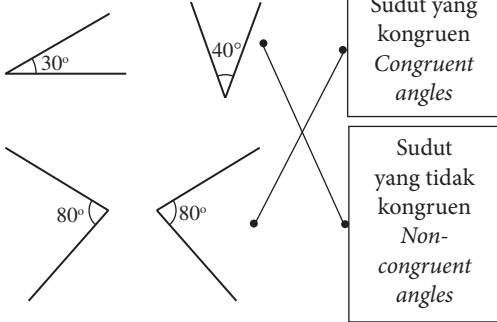
- 2 A Palsu/False
 B Palsu/False
 C Palsu/False
 D Benar/True

Jawapan/Answer: D

3 (a) Ya/Yes

(b) Tidak/No

4 (a)



5 (a) 3 cm

(b) 160°

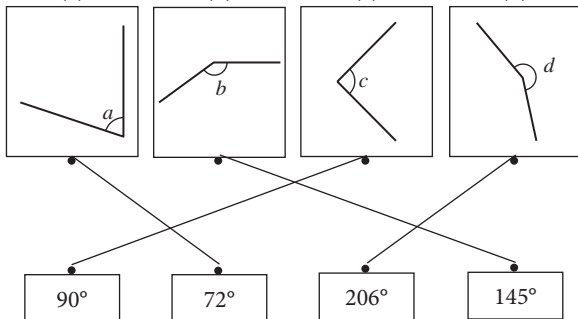
6 $AB = 3.7 \text{ mm}$, $CD = 4.5 \text{ cm}$, $\angle x = 37^\circ$, $\angle y = 145^\circ$

7 (a)

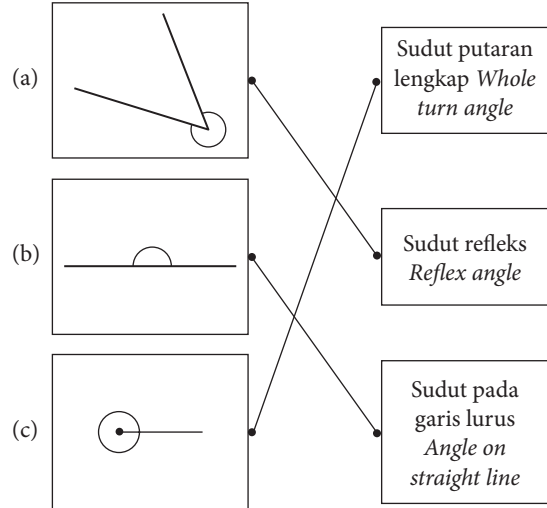
(b)

(c)

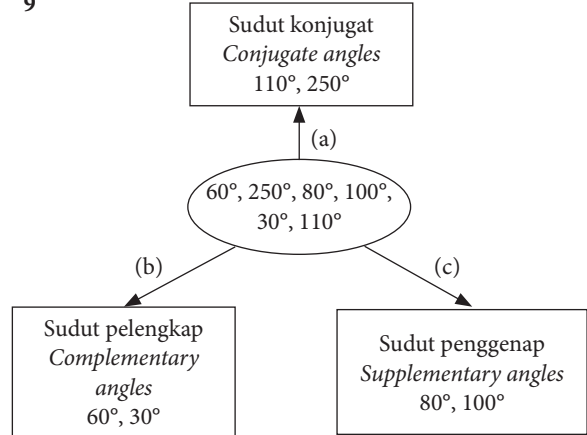
(d)



8



9



10 (a) $x + 70^\circ = 90^\circ$

$$x = 20^\circ$$

(b) $x + 50^\circ = 180^\circ$

$$x = 130^\circ$$

(b) $x + 100^\circ = 360^\circ$

$$x = 260^\circ$$

11 $x + 65^\circ = 90^\circ$

$$x = 90^\circ - 65^\circ$$

$$= 25^\circ$$

$$x + y = 180^\circ$$

$$25^\circ + y = 180^\circ$$

$$y = 155^\circ$$

12 $a + b = 360^\circ$

$$a : b = 5 : 4$$

$$a : a + b = 5 : 9$$

$$a : 360^\circ = 5 : 9$$

$$\frac{a}{360^\circ} = \frac{5}{9}$$

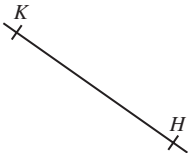
$$a = \frac{5}{9} \times 360^\circ$$

$$= 200^\circ$$

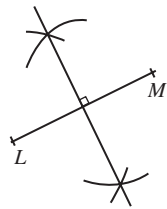
$$200^\circ + b = 360^\circ$$

$$b = 160^\circ$$

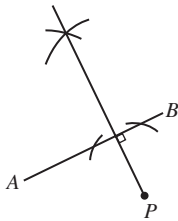
13



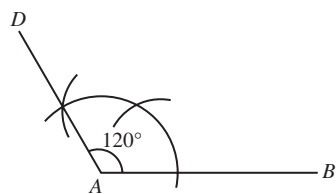
14



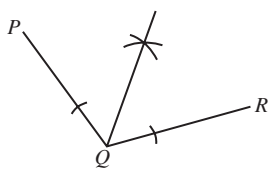
15



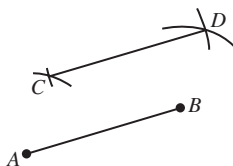
16



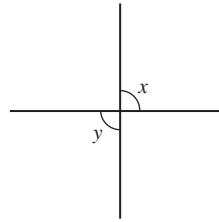
17



18



19

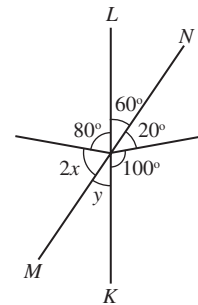


Jawapan/Answer: B

- 20 (a) $\angle a$ dan/and $\angle b$
- (b) $\angle a$ dan/and $\angle c$
- (c) $\angle b$ dan/and $\angle c$
- (d) $\angle c$ dan/and $\angle d$
- (e) $\angle b$ dan/and $\angle d$
- Sudut bertentang bucu
Vertically opposite angles
- Sudut bersebelahan pada garis
Adjacent angles on line

- 21 (a) $x = 66^\circ$
(b) $x + 149^\circ = 180^\circ$
 $x = 31^\circ$

22



$$2x + 80^\circ + 60^\circ = 180^\circ$$

$$2x + 140^\circ = 180^\circ$$

$$2x = 40^\circ$$

$$x = 20^\circ$$

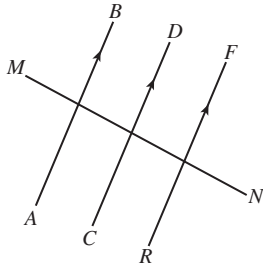
$$y + 100^\circ + 20^\circ = 180^\circ$$

$$y + 120^\circ = 180^\circ$$

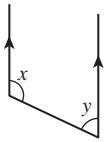
$$y = 60^\circ$$

- 23 A Betul/Correct
B Betul/Correct
C Salah/Wrong
D Betul/Correct
Jawapan/Answer: C

24

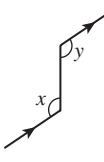


25 (a)



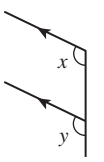
Sudut-sudut sepadan
Corresponding angles

(b)



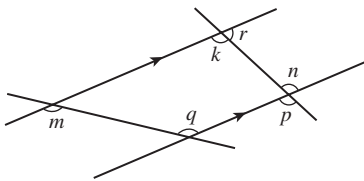
Sudut-sudut berselang-seli
Alternating angles

(c)



Sudut-sudut pedalaman
Interior angles

26



27 (a) $a = p$



(b) $b = q$



(c) $b + r = 180^\circ$



(d) $q + r = 180^\circ$



28 (a) Tidak selari/Not parallel

(b) Selari/Parallel

(c) Selari/Parallel

29 (a) $x = 36^\circ$

(b) $x = 32^\circ$

(c) $x + 141^\circ = 180^\circ$
 $x = 39^\circ$

30 (a) Suduk dongak B dari C ialah

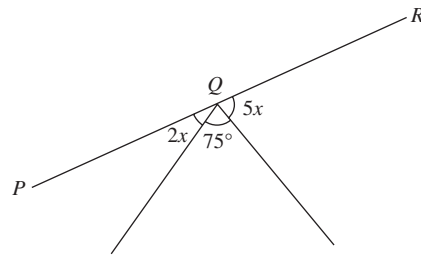
The angle of elevation of B from C is $\angle DCB$

(b) Suduk tunduk C dari B ialah

The angle of depression of C from B is $\angle ABC$

Praktis Sumatif

1



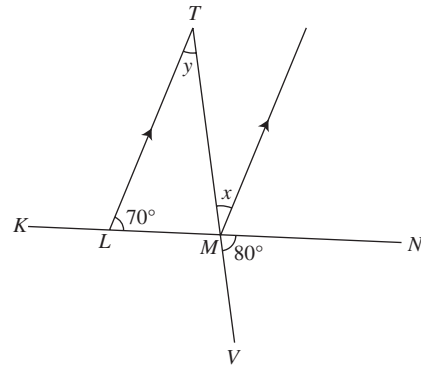
$$2x + 75^\circ + 5x = 180^\circ$$

$$7x = 105^\circ$$

$$x = 15^\circ$$

Jawapan/Answer: B

2



$$x = y$$

$$\angle LMT = 80^\circ$$

$$y + 70^\circ + 80^\circ = 180^\circ$$

$$y + 150^\circ = 180^\circ$$

$$y = 30^\circ$$

$$x + y = 30^\circ + 30^\circ$$

$$= 60^\circ$$

Jawapan/Answer: D

3 $43^\circ + y = 90^\circ$

$$y = 47^\circ$$

$$x + 43^\circ = 68^\circ$$

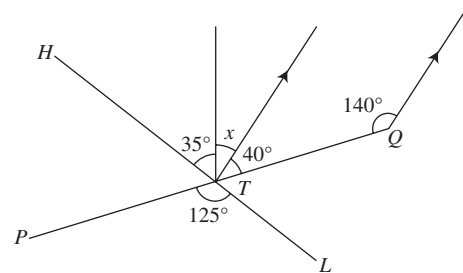
$$x = 25^\circ$$

$$x + y = 25^\circ + 47^\circ$$

$$= 72^\circ$$

Jawapan/Answer: B

4



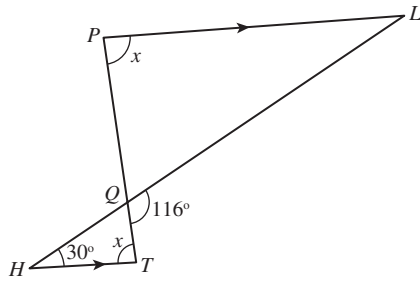
$$35^\circ + x + 40^\circ = 125^\circ$$

$$x + 75^\circ = 125^\circ$$

$$x = 50^\circ$$

Jawapan/Answer: C

5



$$x + 30^\circ = 116^\circ$$

$$x = 86^\circ$$

Jawapan/Answer: **D**

6 (a) $BC = 5.5 \text{ cm}$ (b) $\angle BAC = 140^\circ$

7

$$x + y = 360^\circ$$

$$y = x - 20^\circ$$

$$x + (x - 20^\circ) = 360^\circ$$

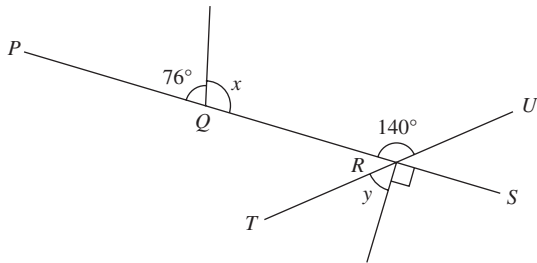
$$2x = 380^\circ$$

$$x = 190^\circ$$

$$y = 190^\circ - 20^\circ$$

$$= 170^\circ$$

8



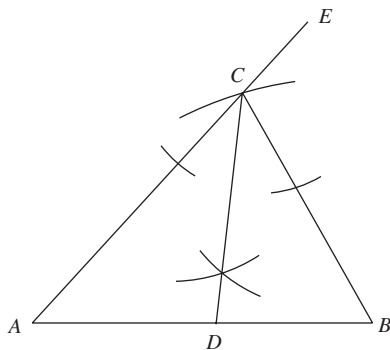
$$x + 76^\circ = 180^\circ$$

$$x = 104^\circ$$

$$y + 90^\circ = 140^\circ$$

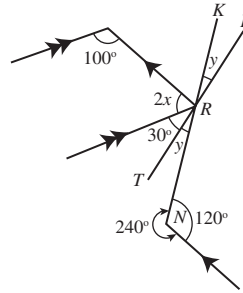
$$y = 50^\circ$$

9 (a)



(b) $\angle BDC = 83^\circ$

10



$$2x + 100^\circ = 180^\circ$$

$$2x = 80^\circ$$

$$x = 40^\circ$$

$$2x + 30^\circ + y = 120^\circ$$

$$80^\circ + 30^\circ + y = 120^\circ$$

$$110^\circ + y = 120^\circ$$

$$y = 10^\circ$$

11 (a) $\angle GHL = 180^\circ - 140^\circ$

$$= 40^\circ$$

$$\angle LHN = 40^\circ + 110^\circ$$

$$= 150^\circ$$

$$= \angle HNM$$

$\therefore HL$ dan MN adalah selari.

$\therefore HL$ and MN are parallel.

(b) $\angle HGP = 180^\circ - 110^\circ$

$$= 70^\circ$$

$$x + 70^\circ + 58^\circ = 180^\circ$$

$$x + 128^\circ = 180^\circ$$

$$x = 52^\circ$$

12 (a) $x = 54^\circ, y = 60^\circ$

(b) Sudut tondok kereta dari mata Ahmad

Angle of depression of the car from Ahmad's eyes

$$= 90^\circ - 54^\circ$$

$$= 36^\circ$$

(c) Sudut dongak kapal terbang dari mata Ahmad

Angle of elevation of the aeroplane from Ahmad's eyes

$$= 90^\circ - 60^\circ$$

$$= 30^\circ$$