

Penyelesaian Lengkap

PRAKTIS 8

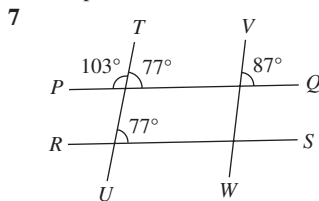
Bahagian A

- 1 $90^\circ - 35^\circ = 55^\circ$
Jawapan/Answer: D
- 2 $3x + 4x + 5x = 180^\circ$
 $12x = 180^\circ$
 $x = 15^\circ$
Jawapan/Answer: A
- 3 $\frac{5}{6} \times 360^\circ = 300^\circ$
Jawapan/Answer: C
- 4 $x = 33^\circ + 28^\circ$
 $= 61^\circ$
 $y = 180^\circ - 33^\circ - 28^\circ$
 $= 119^\circ$
 $y - x = 119^\circ - 61^\circ$
 $= 58^\circ$
Jawapan/Answer: B
- 5 $x + x + 40^\circ = 180^\circ$
 $2x = 140^\circ$
 $x = 70^\circ$
 $x = 2y$
 $y = \frac{70^\circ}{2} = 35^\circ$

Jawapan/Answer: B

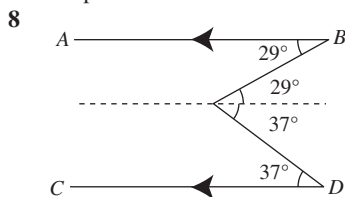
- 6 $x = 180^\circ - 132^\circ = 48^\circ$
 $x = y = 48^\circ$
 $x + y = 48^\circ + 48^\circ$
 $= 96^\circ$

Jawapan/Answer: D



$$103^\circ + 77^\circ = 180^\circ$$

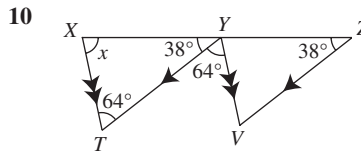
Jawapan/Answer: C



$$x = 29^\circ + 37^\circ = 66^\circ$$

Jawapan/Answer: D

9 Jawapan/Answer: A

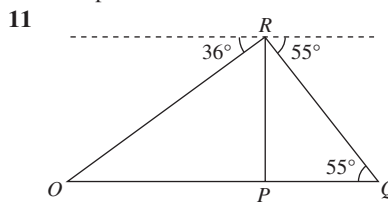


$$\angle XTY = \angle TYV = 64^\circ$$

$$\angle XYT = \angle YZV = 38^\circ$$

$$x = 180^\circ - 64^\circ - 38^\circ = 78^\circ$$

Jawapan/Answer: B



$$\angle ORQ = 180^\circ - 36^\circ - 55^\circ = 89^\circ$$

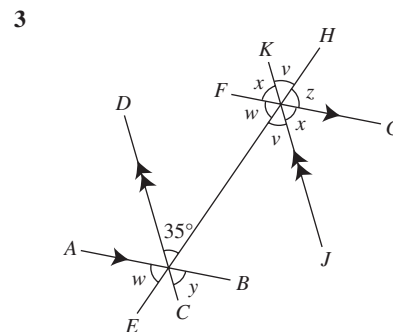
Jawapan/Answer: B

Bahagian B

1

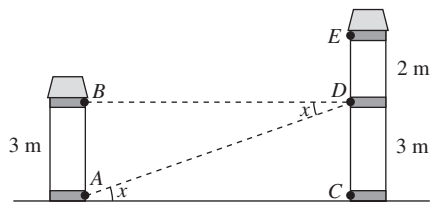
| | | | |
|-------------|-------------|-------------|-------------|
| 60° | 80° | 130° | 45° |
| 100° | 150° | 20° | 135° |

- 2
- (a) Sudut putaran pelengkap
Angle of one whole turn $\rightarrow 360^\circ$
- (b) Sudut refleks
Reflex angle $\rightarrow 180^\circ$
- (c) Sudut tirus
Acute angle $\rightarrow 270^\circ$
- (d) Sudut pada garis lurus
Angle on a straight line $\rightarrow 60^\circ$



- (a) $v + x + w = 180^\circ$
- (b) $x = w$
- (c) $v = 35^\circ$
- (d) $v + x + w + y + z = 360^\circ$

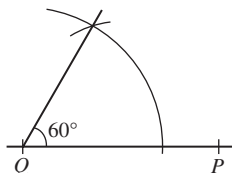
4



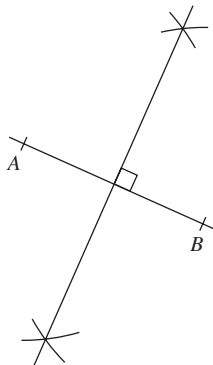
| | | |
|-----|---|----------------|
| (a) | $\angle ADC$ ialah sudut tunduk A dari D. $\angle ADC$ is the angle of depression of A from D. | PALSU FALSE |
| (b) | $\angle CAE$ ialah sudut dongak E dari A. $\angle CAE$ is the angle of elevation of E from A. | BENAR TRUE |
| (c) | Garis BD ialah suatu garis mendatar. Line BD is a horizontal line. | BENAR TRUE |
| (d) | $\angle BDA = \angle DAC$ | BENAR TRUE |

Bahagian C

1 (a) (i)



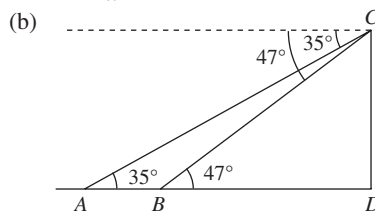
(ii)



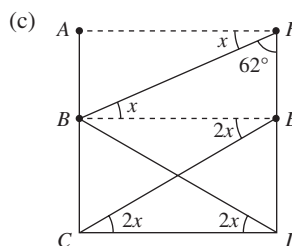
- (b) $x = 180^\circ - 136^\circ = 44^\circ$
 $y = 71^\circ$
 $z = 180^\circ - 44^\circ - 71^\circ = 65^\circ$

- (c) $x = 180^\circ - 66^\circ = 114^\circ$
 $y = 180^\circ - 74^\circ = 106^\circ$
 $z = 74^\circ$

- 2 (a) $x = 29^\circ$
 $y = 180^\circ - 29^\circ - 54^\circ = 97^\circ$
- (b) $3x = x + 60^\circ$
 $2x = 60^\circ$
 $x = 30^\circ$
- (c) $180^\circ - 70^\circ = 110^\circ$
 $y - 18^\circ + y = 110^\circ$
 $2y = 128^\circ$
 $y = 64^\circ$
- (d) $x = 54^\circ$
 $y = 180^\circ - 69^\circ - 54^\circ = 57^\circ$
- 3 (a) $x + 37^\circ = 58^\circ$
 $x = 21^\circ$



$$\angle ACB = 47^\circ - 35^\circ = 12^\circ$$



Sudut tunduk B dari F

Angle of depression of B from F

$$= 90^\circ - 62^\circ$$

$$= 28^\circ$$

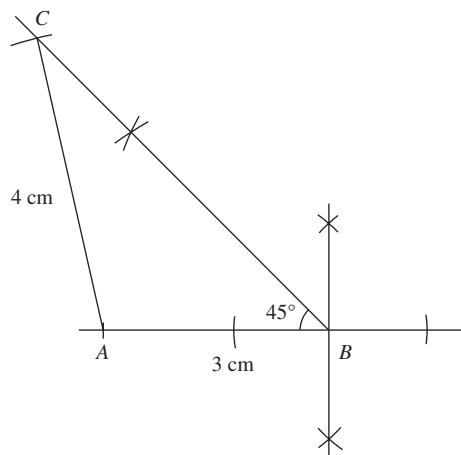
Sudut dongak B dari D

Angle of elevation of B from D

$$= 2 \times 28^\circ$$

$$= 56^\circ$$

(d) (i)



(ii) $\angle ACB = 32^\circ$