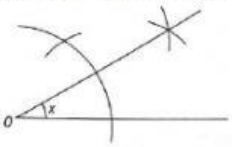
Praktis ke arah PT3

Bahagian A

1 Antara pasangan sudut berikut, yang manakah ialah sudut kojugat?
Which of the following pairs of angles are conjugate angles?

A 58°, 32°
B 70°, 110°
C 115°, 155°
D 140°, 220°

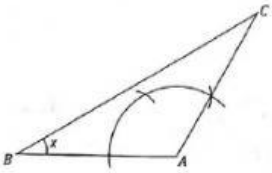
2 Rajah berikut menunjukkan satu pembinaan sudut.
The following diagram shows a construction of angle.



Nyatakan nilai x.
State the value of x.

A 15°
B 30°
C 45°
D 60°

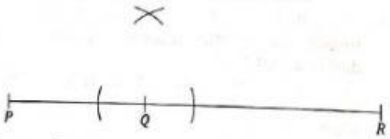
3 Rajah berikut menunjukkan satu pembinaan bentuk.
The following diagram shows a construction of shape.



Diberi $AB = AC$, cari nilai x.
Given $AB = AC$, find the value of x.

A 20°
B 30°
C 35°
D 40°

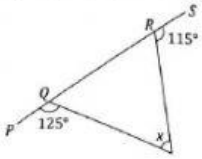
4 Rajah berikut menunjukkan suatu pembinaan.
The following diagram shows a construction.



Antara berikut, yang manakah dibina daripada pembinaan di atas?
Which of the following is constructed from the construction above?

A Garis selari/ *Parallel lines*
B Satu bulatan/ *A circle*
C Garis serenjang/ *Perpendicular line*
D Pembahagi dua sama serenjang
Perpendicular bisector

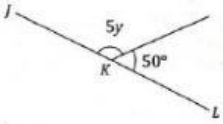
5 Dalam rajah berikut, $PQRS$ ialah satu garis lurus.
In the following diagram, $PQRS$ is a straight line.



Cari nilai x.
Find the value of x.

A 60°
B 70°
C 75°
D 80°

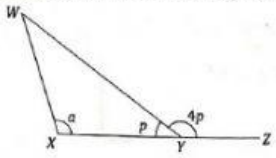
6 Dalam rajah berikut, JKL ialah satu garis lurus.
In the following diagram, JKL is a straight line.



Cari nilai y.
Find the value of y.

A 18°
B 22°
C 26°
D 30°

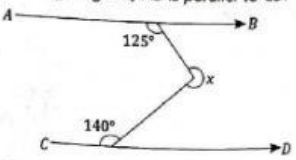
7 Dalam rajah berikut, XYZ ialah garis lurus.
In the following diagram, XYZ is a straight line.



Diberi $WX = XY$, cari nilai a.
Given $WX = XY$, find the value of a.

A 95°
B 98°
C 102°
D 108°

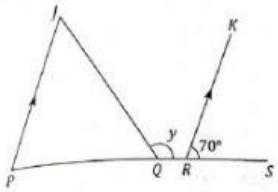
8 Dalam rajah berikut, AB adalah selari dengan CD.
In the following diagram, AB is parallel to CD.



Cari nilai x.
Find the value of x.

A 265°
B 270°
C 275°
D 285°

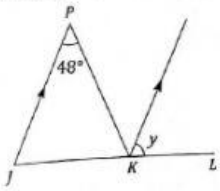
9 Dalam rajah berikut, $PQRS$ ialah satu garis lurus.
In the following diagram, PQRS is a straight line.



Diberi $PJ = PQ$, cari nilai y.
Given PJ = PQ, find the value of y.

A 110°
B 125°
C 135°
D 140°

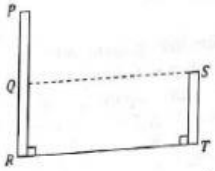
10 Dalam rajah berikut, JKL ialah satu garis lurus.
In the following diagram, JLK is a straight line.



Diberi $PJ = PK$, cari nilai y.
Given PJ = PK, find the value of y.

A 45°
B 58°
C 66°
D 70°

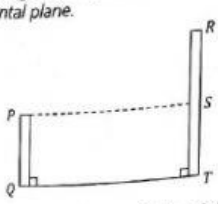
11 Dalam rajah berikut, PQR dan ST adalah dua tiang tegak pada suatu satah mengufuk.
In the following diagram, PQR and ST are two vertical poles on a horizontal plane.



Diberi $QR = ST$, nyatakan sudut dongakan bagi P dari S.
Given QR = ST, state the angle of elevation of P from S.

A $\angle PSQ$
B $\angle PTR$
C $\angle SPQ$
D $\angle TPR$

2 Dalam rajah berikut, PQ dan RST adalah dua tiang tegak pada suatu satah mengufuk.
In the following diagram, PQ and RST are two vertical poles on a horizontal plane.



Diberi $PQ = ST$, nyatakan sudut tunduk bagi T dari P.
Given PQ = ST, state the angle of depression of T from P.

A $\angle PTS$
B $\angle SPT$
C $\angle TSP$
D $\angle RPT$