

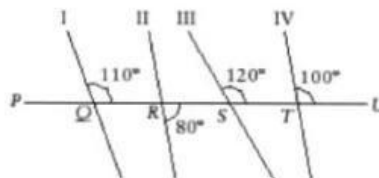
1. The diagram shows a geometrical construction.
Rajah di bawah menunjukkan pembinaan geometri.



The value of y is
Nilai y ialah

- ☐ A 60
☐ B 110
☐ C 120
☐ D 145

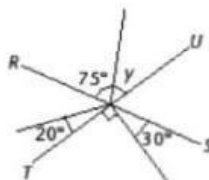
2. In the diagram, $PQRSTU$ is a straight line.
Dalam rajah di bawah, $PQRSTU$ ialah garis lurus.



Which of the lines, I, II, III and IV, are parallel?
Antara garis I, II, III dan IV, yang manakah selari?

- ☐ A I and II
I dan II
☐ B II and III
II dan III
☐ C II and IV
II dan IV
☐ D I and IV
I dan IV

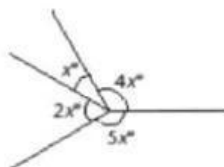
3. In the diagram, RS and TU are straight lines.
Dalam rajah di bawah, RS dan TU ialah garis lurus.



Find the value of y .
Cari nilai y .

- ☐ A 25°
☐ B 35°
☐ C 45°
☐ D 65°

4.

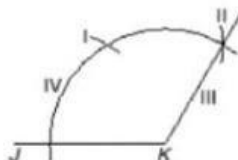


The value of x in the diagram is
Nilai x dalam rajah di atas ialah

- ☐ A 30
- ☐ B 36
- ☐ C 40
- ☐ D 46

5.

The diagram shows the steps to construct an angle of 120° .
Rajah di bawah menunjukkan langkah-langkah untuk membina sudut 120° .

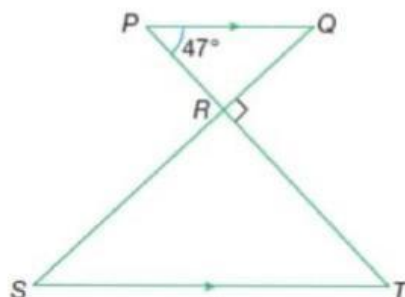


Which of the following is the correct sequence of the steps?
Antara berikut, yang manakah ialah urutan langkah yang betul?

- ☐ A IV, I, II, III
- ☐ B I, II, IV, III
- ☐ C I, II, III, IV
- ☐ D IV, II, I, III

6.

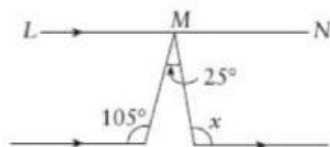
In the diagram, PRT and QRS are straight lines. PQ and ST are horizontal lines.
Dalam rajah di bawah, PRT dan QRS ialah garis lurus. PQ dan ST ialah garis mengufuk.



Find the angle of elevation of Q from S .
Cari sudut dongak Q dari S .

- ☐ A 47°
- ☐ B 43°
- ☐ C 50°
- ☐ D 57°

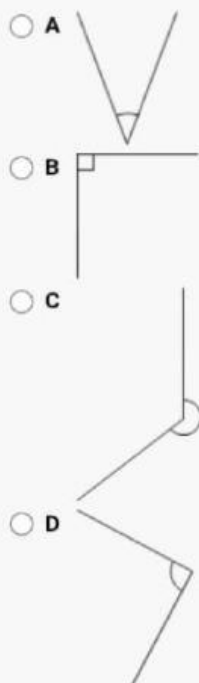
7. In the diagram, LMN is a straight line.
 Dalam rajah di bawah, LMN ialah garis lurus.



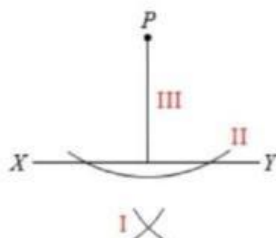
Find the value of x .
 Cari nilai x .

- ☐ A 80
☐ B 90
☐ C 100
☐ D 110

8. Which of the following angles is a reflex angle?
 Antara sudut berikut, yang manakah sudut refleks?



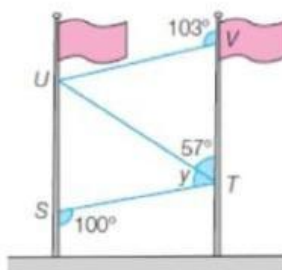
9. The diagram shows the construction of a perpendicular line to the line XY passing through point P.
 Rajah di bawah menunjukkan pembinaan garis serenjang kepada garis XY dan melalui titik P.



The correct sequence of steps in the construction is
 Urutan langkah yang betul bagi pembinaan itu ialah

- ☐ A I, II, III
☐ B III, II, I
☐ C II, I, III
☐ D II, III, I

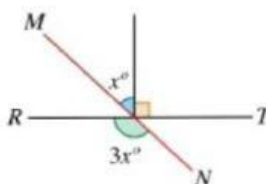
10. The diagram shows two straight flag poles which are tight with wire.
Rajah di bawah menunjukkan dua batang tiang bendera tegak yang diikat dengan dawa



Given the angle of elevation of U from T is 33° . Find the angle of depression of S from T .
Diberi sudut dongak U dari T ialah 33° . Cari sudut tunduk S dari T .

- ☐ A 10°
☐ B 15°
☐ C 33°
☐ D 57°

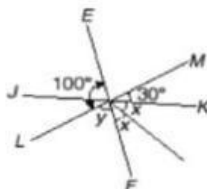
11. In the diagram, MN and RT are straight lines.
Dalam rajah di bawah, MN dan RT ialah garis lurus.



Find the value of x .
Cari nilai x .

- ☐ A 30
☐ B 35
☐ C 45
☐ D 60

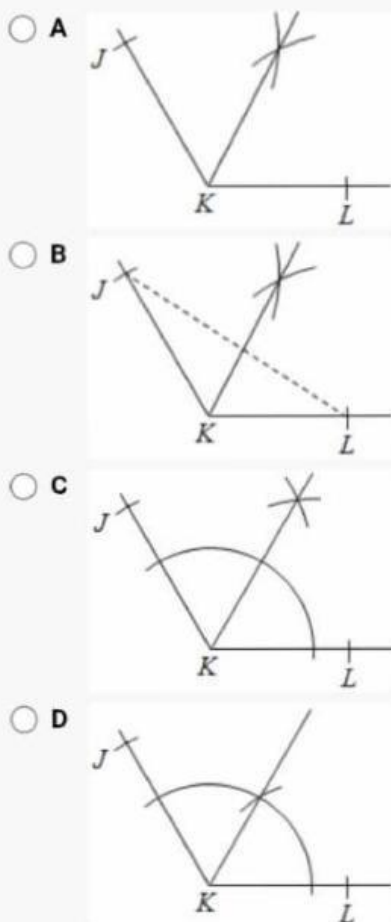
12. In the diagram, EF , JK and LM are straight lines.
Dalam rajah di bawah, EF , JK dan LM ialah garis lurus.



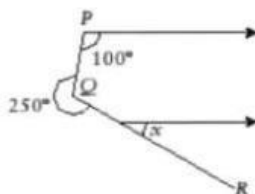
Find the values of x and y .
Cari nilai x dan nilai y .

- ☐ A $x = 35^\circ, y = 80^\circ$
☐ B $x = 30^\circ, y = 100^\circ$
☐ C $x = 30^\circ, y = 90^\circ$
☐ D $x = 25^\circ, y = 90^\circ$

13. The diagram that shows the correct steps in constructing the bisector of $\angle JKL$ is
 Rajah yang menunjukkan langkah yang betul untuk membina pembahagi dua sama bagi $\angle JKL$ ialah



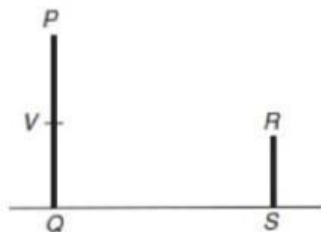
14. In the diagram, PQ and QR are straight lines.
 Dalam rajah di bawah, PQ dan QR ialah garis lurus.



Find the value of x .
 Cari nilai x .

- ☐ A 25°
☐ B 30°
☐ C 55°
☐ D 60°

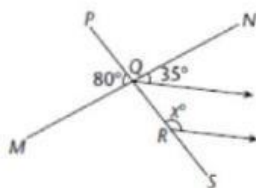
15. In the diagram, PQ and RS are two vertical poles on a horizontal plane. The height of PQ is twice the height of RS . V is the midpoint of PQ .
 Dalam rajah di bawah, PQ dan RS ialah dua batang tiang tegak pada suatu satah mengufuk. Tinggi PQ adalah dua kali tinggi RS . V ialah titik tengah PQ .



Find the angle of elevation of R from Q .
 Cari sudut dongakan R dari Q .

- ☐ A $\angle SQR$
☐ B $\angle SRQ$
☐ C $\angle PRV$
☐ D $\angle RQV$

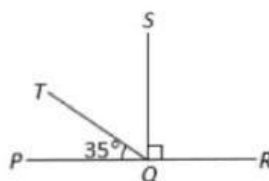
16. In the diagram, $PQRS$ and MQN are straight lines.
 Dalam rajah di bawah, $PQRS$ dan MQN ialah garis lurus.



Find the value of x .
 Cari nilai x .

- ☐ A 45
☐ B 65
☐ C 115
☐ D 135

17. In the diagram, PQR is a straight line.
 Dalam rajah di bawah, PQR ialah garis lurus.

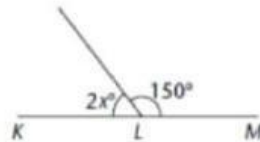


Find the value of $\angle SQT$.
 Cari nilai bagi $\angle SQT$.

- ☐ A 35°
☐ B 45°
☐ C 55°
☐ D 65°

18.

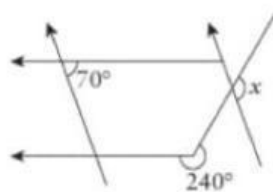
In the diagram, KLM is a straight line.
Dalam rajah di bawah, KLM ialah garis lurus.



Calculate the value of x .
Hitung nilai x .

- ☐ A 5
- ☐ B 10
- ☐ C 15
- ☐ D 20

19.

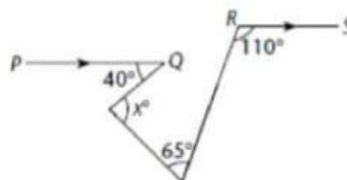


In the diagram, find the value of x .
Dalam rajah di atas, cari nilai x .

- ☐ A 60°
- ☐ B 70°
- ☐ C 120°
- ☐ D 130°

20.

In the diagram, PQ and RS are parallel lines.
Dalam rajah di bawah, PQ dan RS ialah garis selari.



Find the value of x .
Cari nilai x .

- ☐ A 45°
- ☐ B 60°
- ☐ C 85°
- ☐ D 90°