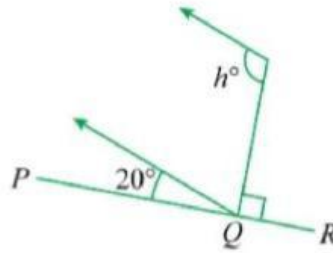


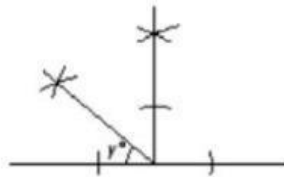
1. In the diagram, PQR is a straight line.
Dalam rajah di bawah, PQR ialah garis lurus.



Find the value of h .
Cari nilai h .

- ☐ A 50
☐ B 70
☐ C 110
☐ D 130

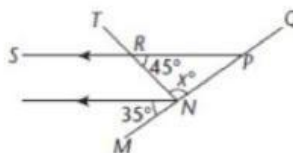
2. The diagram shows the steps in the construction of an angle.
Rajah di bawah menunjukkan langkah-langkah pembinaan suatu sudut.



Find the value of y .
Cari nilai y .

- ☐ A 30
☐ B 35
☐ C 40
☐ D 45

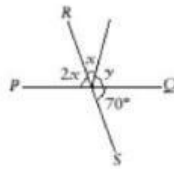
3. In the diagram, $MNPQ$, NRT and PRS are straight lines.
Dalam rajah di bawah, $MNPQ$, NRT dan PRS ialah garis lurus.



Find the value of x .
Cari nilai x .

- ☐ A 92
☐ B 96
☐ C 100
☐ D 104

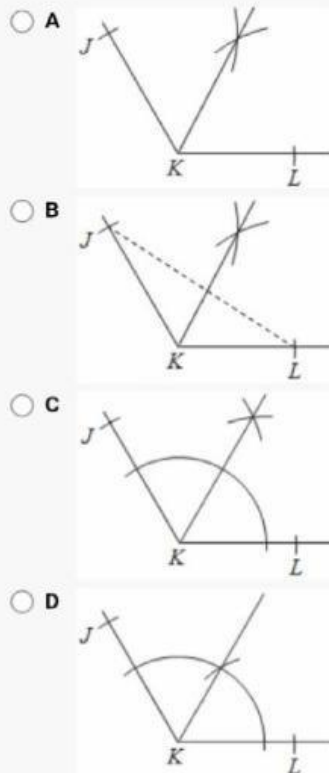
4. In the diagram, PQ and RS are straight lines.
 Dalam rajah di bawah, PQ dan RS ialah garis lurus.



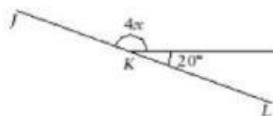
The value of y is
 Nilai y ialah

- ☐ A 35°
☐ B 55°
☐ C 65°
☐ D 75°

5. 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



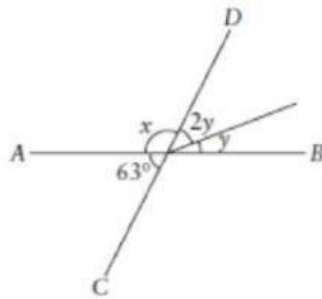
6. In the diagram, JKL is a straight line.
 Dalam rajah di bawah, JKL ialah garis lurus.



Find the value of x .
 Cari nilai x .

- ☐ A 10°
☐ B 15°
☐ C 30°
☐ D 40°

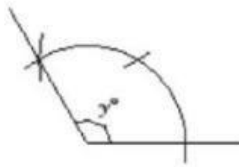
7. In the diagram, AB and CD are straight lines.
Dalam rajah di bawah, AB dan CD ialah garis lurus.



Find the value of $x + y$.
Cari nilai bagi $x + y$.

- ☐ A 21
☐ B 84
☐ C 117
☐ D 138

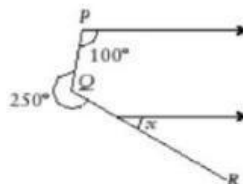
8. The diagram shows a geometrical construction.
Rajah di bawah menunjukkan pembinaan geometri.



The value of y is
Nilai y ialah

- ☐ A 60
☐ B 110
☐ C 120
☐ D 145

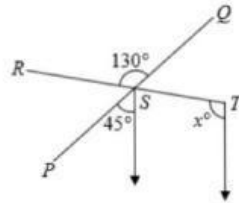
9. In the diagram, PQ and QR are straight lines.
Dalam rajah di bawah, PQ dan QR ialah garis lurus.



Find the value of x .
Cari nilai x .

- ☐ A 25°
☐ B 30°
☐ C 55°
☐ D 60°

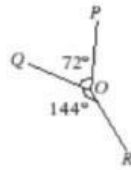
10. In the diagram, PSQ and RST are straight lines.
Dalam rajah di bawah, PSQ dan RST ialah garis lurus.



The value of x is
Nilai x ialah

- ☐ A 45°
☐ B 55°
☐ C 85°
☐ D 95°

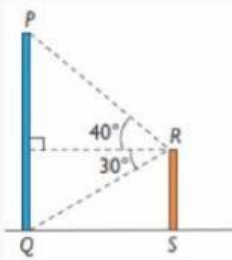
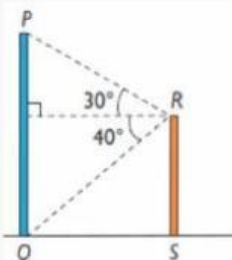
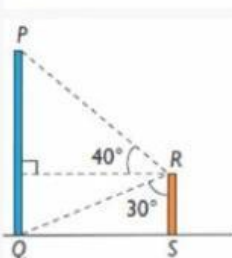
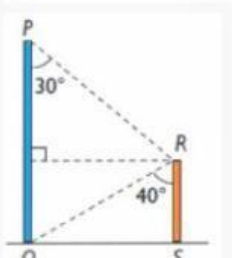
11.



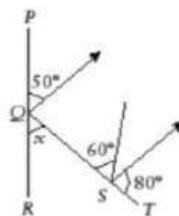
In the diagram, the value of $\angle POR$ is
Dalam rajah di atas, nilai bagi $\angle POR$ ialah

- ☐ A 108°
☐ B 124°
☐ C 144°
☐ D 216°

12. PQ and RS are two vertical poles on a horizontal plane. The angle of elevation of vertex P from vertex R is 40° . The angle of depression of Q from vertex R is 30° . Which diagram represents the information above?
 PQ dan RS ialah dua batang tiang tegak pada satah mengufuk. Sudut dongakan puncak P dari puncak R ialah 40° . Sudut tunduk Q dari puncak R ialah 30° . Rajah manakah yang mewakili maklumat di atas?

- ☐ A 
- ☐ B 
- ☐ C 
- ☐ D 

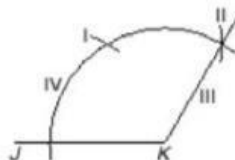
13. In the diagram, PQR and QST are straight lines.
Dalam rajah di bawah, PQR dan QST ialah garis lurus.



Find the value of x .
Cari nilai x .

- ☐ A 30°
☐ B 50°
☐ C 60°
☐ D 70°

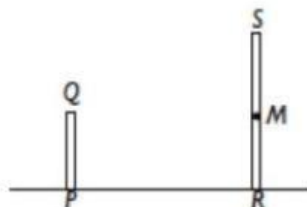
14. The diagram shows the steps to construct an angle of 120° .
Rajah di bawah menunjukkan langkah-langkah untuk membina sudut 120° .



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

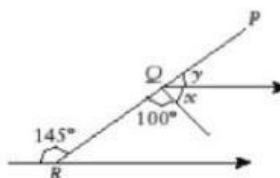
15.



In the above diagram, PQ and RS are two vertical poles on a horizontal plane. M is a point on RS such that $PQ = RM$. The angle of depression of Q from S is equal to
Dalam rajah di atas, PQ dan RS ialah dua batang tiang tegak pada satah mengufuk. M ialah satu titik pada RS dengan keadaan $PQ = RM$. Sudut tunduk Q dari S sama dengan

- ☐ A $\angle QSM$
☐ B $\angle SQM$
☐ C $\angle QSR$
☐ D $\angle QSP$

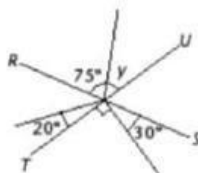
16. In the diagram, PQR is a straight line.
Dalam rajah di bawah, PQR ialah garis lurus.



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

- ☐ A $x = 25^\circ, y = 45^\circ$
☐ B $x = 40^\circ, y = 40^\circ$
☐ C $x = 45^\circ, y = 35^\circ$
☐ D $x = 50^\circ, y = 30^\circ$

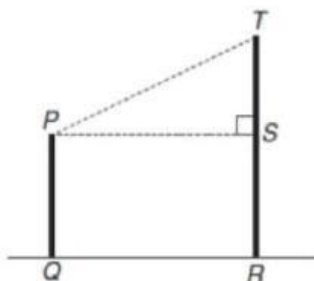
17. In the diagram, RS and TU are straight lines.
Dalam rajah di bawah, RS dan TU ialah garis lurus.



Find the value of y .
Cari nilai y .

- ☐ A 25°
☐ B 35°
☐ C 45°
☐ D 65°

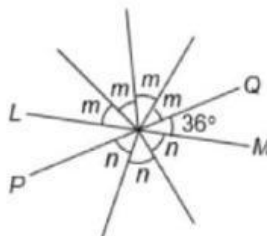
18. In the diagram, PQ and TSR are two vertical poles on a horizontal plane.
Dalam rajah di bawah, PQ dan TSR ialah dua batang tiang tegak pada satah mengufuk.



Name the angle of elevation of T from P .
Namakan sudut dongakan T dari P .

- ☐ A $\angle TQR$
☐ B $\angle TQS$
☐ C $\angle SPT$
☐ D $\angle PTS$

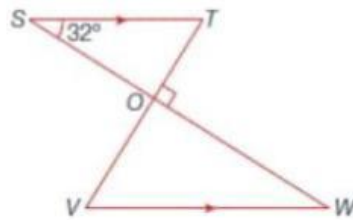
19. In the diagram, LM and PQ are straight lines.
Dalam rajah di bawah, LM dan PQ ialah garis lurus.



Find the value of $m + n$.
Cari nilai bagi $m + n$.

- ☐ A 72°
☐ B 84°
☐ C 96°
☐ D 288°

20. In the diagram, TOV and SOW are straight lines.
Dalam rajah di bawah, TOV dan SOW ialah garis lurus.



Assume that ST is a horizontal line and TSO is the angle of depression of O from S , find the angle of elevation of T from V .

Andaikan ST sebagai garis mengufuk dan TSO ialah sudut tunduk O dari S , cari sudut dongak T dari V .

- ☐ A 58°
☐ B 62°
☐ C 74°
☐ D 80°