

Bahagian A

1. Rajah di bawah menunjukkan dua garis nombor.

The diagram below shows two number lines.



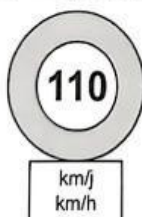
Tentukan integer x yang memuaskan ketaksamaan yang diwakili oleh dua garis nombor itu.

Determine the integer x that satisfies the inequalities represented by the two number lines.

- A -14 C -12
B -13 D -11

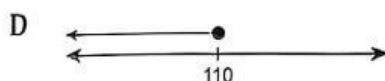
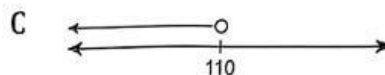
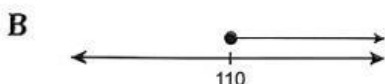
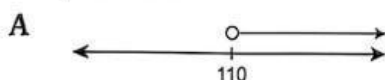
2. Rajah di bawah ialah papan tanda lalu lintas yang menunjukkan had laju di sebatang lebuh raya.

The diagram below is a road sign showing the speed limit along a highway.



Antara garis nombor yang berikut, yang manakah mewakili had laju itu?

Which of the following number lines represents the speed limit?



3. Tentukan integer terbesar yang memuaskan ketaksamaan $1 - 2x \geq 2$.
Determine the largest integer that satisfies the inequality $1 - 2x \geq 2$.

- A -2 C -0.5
B -1 D 0

4. Selesaikan ketaksamaan linear serentak yang berikut.

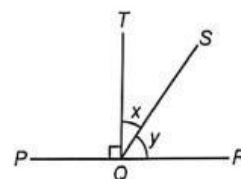
Solve the following simultaneous inequalities.

$$x - 1 \leq 3, 3x - 2 > 4$$

- A $2 < x \leq 4$
B $2 \leq x < 4$
C $-4 < x \leq -2$
D $-4 \leq x < -2$

5. Dalam rajah di bawah, PQR ialah garis lurus.

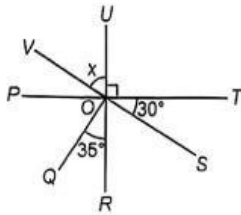
In the diagram below, PQR is a straight line.



x dan y ialah
 x and y are

- A sudut pada garis lurus
angles on a straight line
B sudut konjugat
conjugate angles
C sudut pelengkap
complementary angles
D sudut penggenap
supplementary angles

6. Dalam rajah di bawah, POT , ROU dan SOV ialah garis lurus.
In the diagram below, POT , ROU and SOV are straight lines.

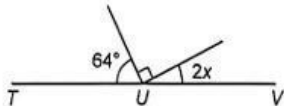


Hitung nilai x .

Calculate the value of x

- A 30° C 55°
B 35° D 60°

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



Cari nilai x .

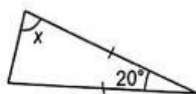
Find the value of x .

- A 13°
B 16°
C 18°
D 26°

8. 278° ialah sudut _____.
 278° is a / an _____ angle.

- A konjugat / conjugate
B cakah / obtuse
C refleks / reflex
D tirus / acute

9. Rajah di bawah menunjukkan sebuah segi tiga sama kaki.
The diagram below shows an isosceles triangle.



Cari nilai x .

Find the value of x .

- A 80°
B 75°
C 60°
D 45°

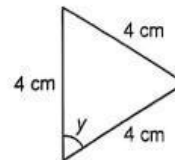
10. Berapakah bilangan bucu bagi sebuah dekaon?

How many vertices does a decagon have?

- A 10
B 9
C 8
D 7

11. Cari nilai y dalam rajah di bawah.

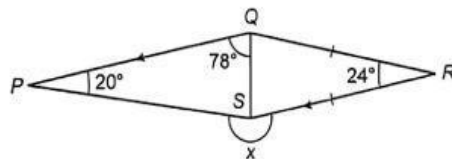
Find the value of y in the diagram below.



- A 30°
B 60°
C 90°
D 180°

12. Dalam rajah di bawah, $PQRS$ ialah sebuah trapezium dan QRS ialah sebuah segi tiga sama kaki.

In the diagram below, $PQRS$ is a trapezium and QRS is an isosceles triangle.



Cari nilai x .

Find the value of x .

- A 190°
B 200°
C 220°
D 270°