

BAHAGIAN A SECTION A

Jawab semua soalan.
Answer all questions.

1 $-5 \times (-8) =$

- A 13
B -13

- C -40
D 40

2 $-\frac{2}{15} - \frac{1}{5} \left(\frac{4}{15} \right) =$

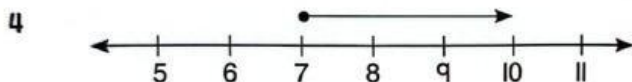
- A $\frac{5}{75}$
B $-\frac{2}{25}$

- C $-\frac{14}{75}$
D $-\frac{5}{75}$

3 Berapakah jumlah semua faktor perdana bagi 24?
What is the sum of all prime factors of 24?

- A 29
B 45

- C 6
D 5



Berdasarkan garis nombor di atas, ketaksamaan algebra ialah

Based on the number line above, the algebraic inequality is

- A $x > 7$
B $x \geq 7$

- C $x < 7$
D $x \leq 7$

5 Selesaikan ketaksamaan linear serentak.
Solve the simultaneous linear inequalities.

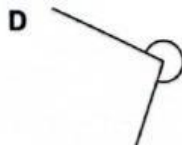
$$2x - 5 > 11$$

$$\frac{x}{3} - 2 \leq 3$$

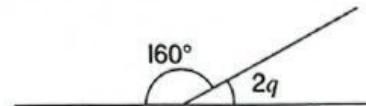
- A $8 \leq x < 18$
B $8 < x \leq 18$

- C $8 < x \leq 15$
D $8 \leq x < 15$

6 Yang manakah merupakan sudut cakak?
Which of the following is an obtuse angle?



7



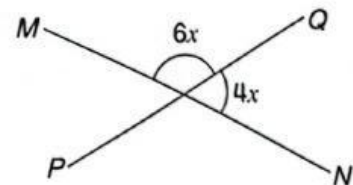
Cari nilai q .

Find the value of q .

- A 10°
B 15°

- C 20°
D 40°

8



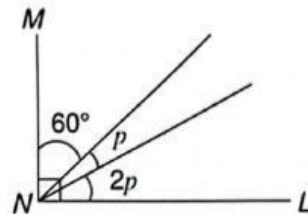
MN dan PQ ialah garis lurus. Cari nilai x .

MN and PQ are straight lines. Find the value of x .

- A 9
B 16

- C 18
D 20

9



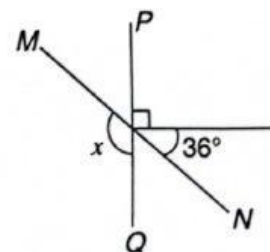
MNL ialah sudut tegak. Cari nilai p .

MNL is a right angle. Find the value of p .

- A 5
B 10

- C 12
D 18

10



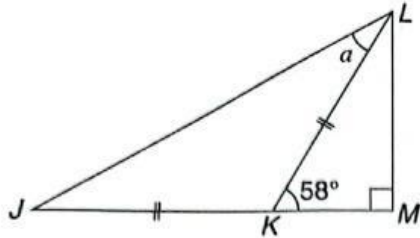
MN dan PQ ialah garis lurus. Cari nilai x .

MN and PQ are straight lines. Find the value of x .

- A 54°
B 68°

- C 126°
D 234°

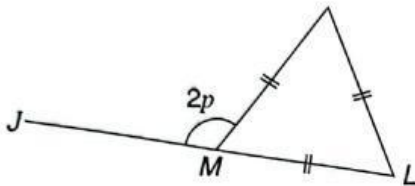
11



JKL ialah sebuah segi tiga sama kaki dan KLM ialah segi tiga bersudut tegak. Cari nilai a .
 JKL is an isosceles triangle and KLM is a right angled triangle. Find the value of a .

- A 24° C 29°
 B 26° D 32°

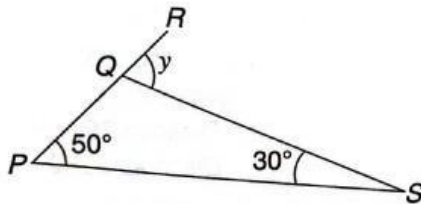
12



Dalam rajah, JML ialah garis lurus. Cari nilai p .
 In the diagram, JML is a straight line. Find the value of p .

- A 30° C 90°
 B 60° D 120°

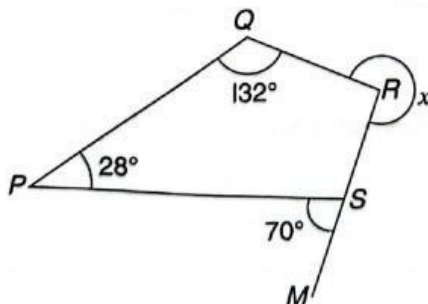
13



Dalam rajah, PQR ialah garis lurus. Apakah nilai bagi y ?
 In the diagram, PQR is a straight line. What is the value of y ?

- A 55° C 100°
 B 80° D 150°

14

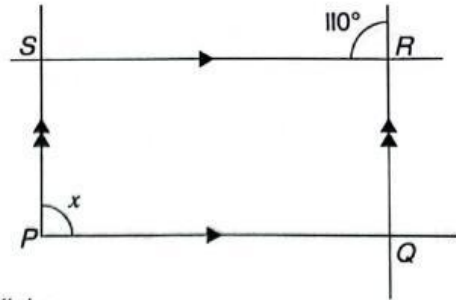


Rajah menunjukkan sebuah sisi empat PQRS dan garis lurus MSR. Apakah nilai bagi x ?

The diagram shows a quadrilateral PQRS and a straight line MSR. What is the value of x ?

- A 250° C 270°
 B 280° D 290°

15



Cari nilai x .
 Find the value of x .

- A 110° C 90°
 B 70° D 80°

16 Solve $5 - 2x > 9$

Selesaikan

- A $x > 2$ C $x < 2$
 B $x > -2$ D $x < -2$

17 $(18y - 27) \div 3 =$

- A $2y + 9$ C $6y - 27$
 B $y + 3$ D $6y - 9$

18 Permudahkan $2p \times 2p + 4p^2$

Simplify

- A $6p^2$ C $-6p^4$
 B $8p^2$ D $12p^4$

19 Diberi $7 + x = 11$, $x =$

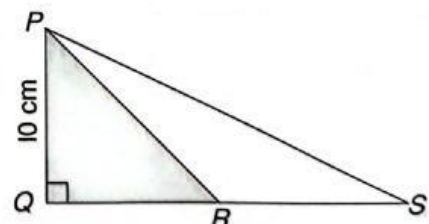
Given that

- A -4 C 3
 B 4 D -2

20 $2850 \text{ mm}^2 = \text{_____ cm}^2$

- A 0.285 C 285
 B 28.5 D $28\,500$

21



Dalam rajah, luas segi tiga PRS ialah 60 cm^2 . Cari panjang RS, dalam cm.

In the diagram, the area of triangle PRS is 60 cm^2 . Find the length of RS, in cm.

- A 12 C 16
 B 14 D 18

22 Permudahkan $12pqr + 7pt - 8pt + 9pqr$

Simplify

- A $21pqr + pt$ C $21pqr - pt$
 B $19pqr + pt$ D $19pqr - pt$