

BAHAGIAN A SECTION A

Jawab semua soalan.

Answer all questions.

- 1 Selesaikan ketaksamaan linear serentak.
Solve the simultaneous linear inequality.

$$4x + 6 > 0$$

$$18x - 4 \leq 32$$

- A $x \geq \frac{-3}{2}$ C $\frac{-3}{2} \leq x < 2$
B $\frac{-3}{2} < x \leq 2$ D $x < 2$

- 2 Selesaikan ketaksamaan.
Solve the inequality.

$$18 - 3x \leq 2x + 3$$

- A $x \geq 5$ C $x \leq 3$
B $x \leq 5$ D $x \geq 3$

- 3 Diberi $R = \{9, 7, x, 3, 1, 5, 13\}$ dan $S = \{\text{nombor ganjil yang kurang daripada 15}\}$. Jika $R = S$, cari nilai x .
Given that $R = \{9, 7, x, 3, 1, 5, 13\}$ and $S = \{\text{odd numbers which are less than 15}\}$. If $R = S$, find the value of x .

- A 5 C 9
B 11 D 13

- 4 Cari GSTK bagi 5 dan 7.
Find LCM of 5 and 7.

- A 35 C 21
B 40 D 75

- 5 Nombor perdana yang terbesar bagi 8029 ialah
The largest prime factor of 8029 is

- A 17 C 37
B 29 D 43

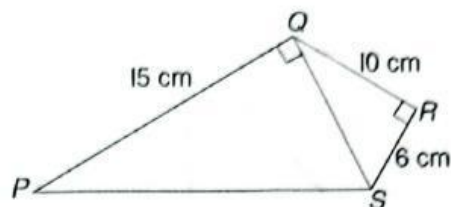
- 6 Nisbah $\frac{1}{2} : 1\frac{1}{4} : 2$ ialah
The ratio of $\frac{1}{2} : 1\frac{1}{4} : 2$ is

- A 1 : 2 : 3 C 2 : 5 : 8
B 1 : 4 : 6 D 2 : 3 : 8

- 7 Antara set berikut, yang manakah mempunyai unsur 32?
Which of following set has the element of 32?

- A $P = \{4, 8, 12, 16, 20\}$
B $Q = \{\text{nombor perdana}\}$
 $Q = \{\text{prime numbers}\}$
C $R = \{x : x \text{ ialah faktor bagi } 56\}$
 $R = \{x : x \text{ is a factor of } 56\}$
D $S = \{x : x \text{ ialah gandaan bagi } 8\}$
 $S = \{x : x \text{ is a multiple of } 8\}$

8

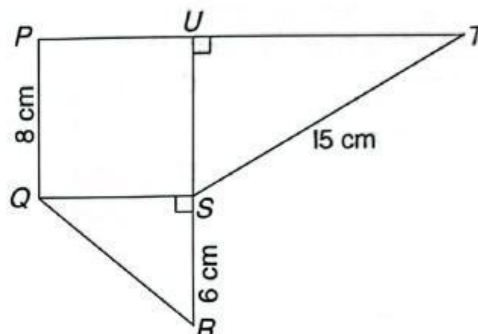


Cari panjang PS.

Find the length of PS.

- A 19 cm C 15 cm
B 21 cm D 17 cm

9



Dalam rajah, $PUSQ$ ialah segi empat sama. Hitung perimeter seluruh rajah itu.

In the diagram, $PUSQ$ is a square. Calculate the perimeter of the whole diagram.

- A 59.69 cm
B 58.65 cm
C 42.37 cm
D 48.59 cm

- 10 $(3.17 - 2.45) - 3(0.6) =$

- A 3.82 C 6.17
B 4.12 D -1.08

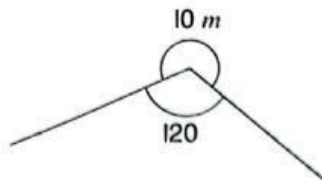
- 11 Selesaikan $\frac{3}{4}x = 90$
Solve

- A 50 C 140
B 90 D 120

- 12 Diberi sebutan $14pr^2t$. Pekali bagi $14r^2t$ ialah
Given the term $14pr^2t$. The coefficient of $14r^2t$ is

- A p C t
B p^2 D 14

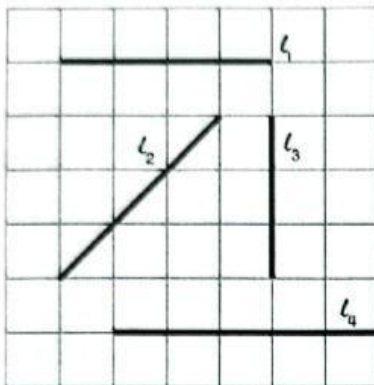
13



Apakah nilai bagi m ?
What is the value of m ?

- A 12 C 20
B 18 D 24

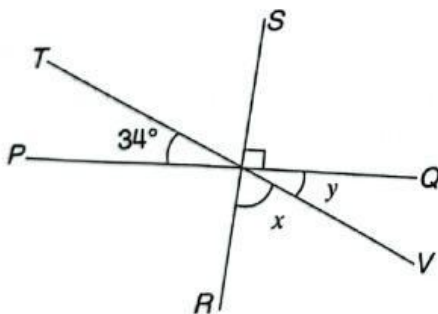
14



Garis yang manakah adalah selari?
Which of the lines are parallel?

- A l_1 dan l_3 C l_1 dan l_2
 l_1 and l_3 l_1 and l_2
B l_1 dan l_4 D l_2 dan l_4
 l_1 and l_4 l_2 and l_4

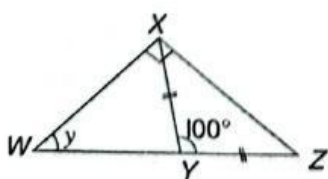
15



PQ , RS dan TV ialah garis lurus. Cari nilai x dan y .
 PQ , RS and TV are straight lines. Find the value of x and y .

- A $x = 56^\circ$, $y = 34^\circ$
B $x = 34^\circ$, $y = 56^\circ$
C $x = 56^\circ$, $y = 124^\circ$
D $x = 34^\circ$, $y = 124^\circ$

16



Cari nilai y .
Find the value of y .

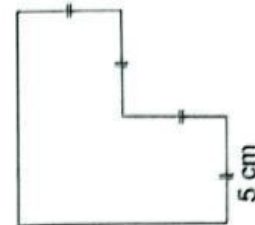
- A 50° C 70°
B 90° D 110°

17 Luas sebuah segi empat sama ialah 81 m^2 . Apakah perimeter segi empat sama itu?

The area of a square is 81 m^2 . What is the perimeter of the square?

- A 18 m C 30 m
B 24 m D 36 m

18

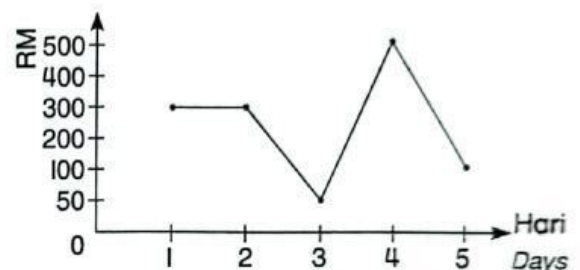


Hitung luas keseluruhan rajah.

Calculate the area of whole diagram.

- A 25 m^2 C 75 m^2
B 65 m^2 D 40 m^2

19

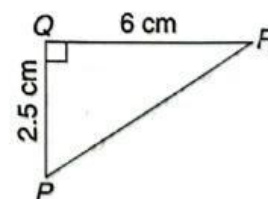


Graf garis di atas menunjukkan pendapatan kantin sekolah untuk 5 hari. Hitung jumlah pendapatan dalam 5 hari itu.

The line graph above shows the income of a school canteen for 5 days. Calculate the total income in 5 days.

- A RM1000 C RM1750
B RM750 D RM1250

20

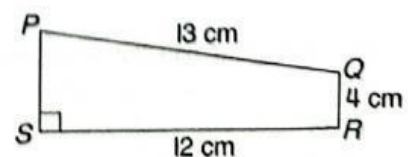


Cari panjang PR .

Find the length of PR .

- A 2.8 cm C 7.7 cm
B 4.5 cm D 6.5 cm

21



$PQRS$ ialah sebuah trapezium. Hitung panjang PS .
 $PQRS$ is a trapezium. Calculate the length of PS .

- A 5 cm C 8 cm
B 6 cm D 9 cm