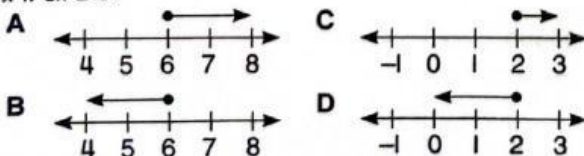


BAHAGIAN A SECTION A

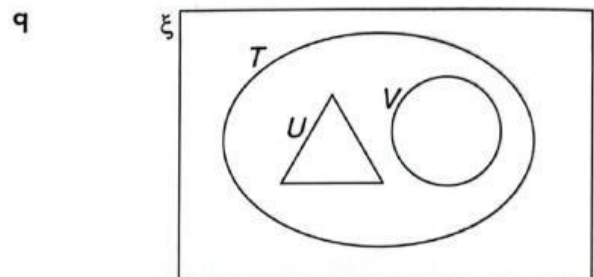
Jawab semua soalan.

Answer all questions.

- 1 Cari jumlah $6f - 2h$ dan $19h + 3f$.
Find the sum of $6f - 2h$ and $19h + 3f$
A $9f + 17h$ C $4f + 22h$
B $9f - 21h$ D $4f - 22h$
- 2 Cari GSTK bagi 10, 15 dan 25.
Find the LCM of 10, 15 and 25.
A 200 C 125
B 175 D 150
- 3 FSTB bagi 5 dan 20 ialah
The HCF of 5 and 20 is
A 2 C 7
B 5 D 8
- 4 $\left(-\frac{2}{7}\right)^2 =$
A $-\frac{4}{49}$ C $\frac{4}{49}$
B $\frac{2}{49}$ D $1\frac{2}{7}$
- 5 Terdapat RM480 kesemuanya. Zul dan abangnya berkongsi duit itu mengikut nisbah 3 : 7. Berapakah Zul dapat?
There are altogether RM480. Zul and his brother share the money in the ratio 3 : 7. How much does Zul get?
A RM144 C RM216
B RM194 D RM336
- 6 Selesaikan ketaksamaan linear serentak.
Solve the simultaneous linear inequalities.
 $x \leq -2$ dan $x > -4$
 $x \leq -2$ and $x > -4$
A $-4 < x \leq -2$ C $x \leq -2$
B $-4 \leq x < -2$ D $-4 > x > -2$
- 7 Antara berikut, yang manakah mewakili garis nombor bagi x jika $3x \geq 6$?
Which of the following represents the number line for x if $3x \geq 6$?



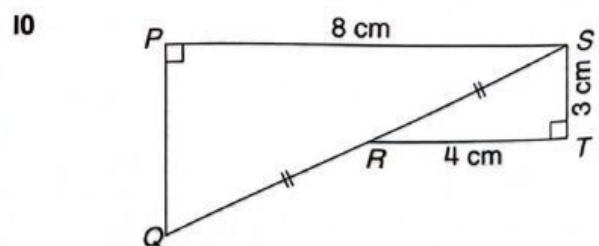
- 8 Antara set berikut, yang manakah merupakan set semesta bagi $\{3, 7, 9\}$?
Which of following set is the universal set of $\{3, 7, 9\}$?
A {nombor perdana}
{prime numbers}
B $\{x : x \text{ ialah integer positif dan } x \geq 3\}$
 $\{x : x \text{ is a positive integer and } x \geq 3\}$
C {gandaan bagi 3}
{multiple of 3}
D $\{x : x \text{ ialah nombor genap dan } x \leq 10\}$
 $\{x : x \text{ is an even number and } x \leq 10\}$



Berdasarkan gambarajah Venn di atas, hubungan yang manakah **betul**?

Based on the Venn diagram above, which relationship is **correct**?

- A $U \subset V$ C $V \subset T$
B $V \subset U$ D $T \subset U$



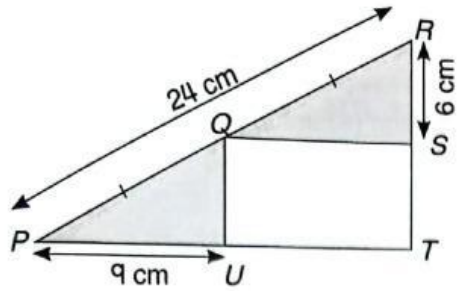
Cari panjang PQ.

Find the length of PQ.

- A 5 cm C 9 cm
B 12 cm D 6 cm

- 11 $-3a^2 =$
A $-3 \times a \times -a \times a$
B $3 \times a^2 \times -a$
C $-3 \times a \times a$
D $-3a \times a \times a$

12



Dalam rajah, $QSTU$ ialah segi empat tepat dan garis $PQ = QR$. Hitung perimeter kawasan berlorek.

In the diagram, $QSTU$ is a rectangle and line $PQ = QR$. Calculate the perimeter of the shaded region.

- A 57.33 cm C 56.32 cm
B 54 cm D 52 cm

Soalan 13 dan 14

Question 13 and 14

Puan Zam membeli 20 000 Euro dollar pada tahun 2018 dan menjualnya pada tahun 2025. Pertukaran nilai mata wang seperti di bawah.

Puan Zam bought 20 000 Euro dollars in 2018 and sold in 2025. The exchange currency rate is as below.

Tahun Year	Pertukaran nilai mata wang Exchange currency rate
2018	1 Euro dollar = RM2.20
2025	1 Euro dollar = RM5.10

- 13 Berapakah nilai Ringgit Malaysia yang digunakan oleh Puan Zam untuk membeli 20 000 Euro dollar pada tahun 2018?

How much Ringgit Malaysia did Puan Zam use to buy 20 000 Euro dollars in the year 2018?

- A RM44 000 C RM90 000
B RM9090.91 D RM4444.44

- 14 Berapakah nilai Ringgit Malaysia yang Puan Zam dapat apabila menjual 20 000 Euro dollar itu pada tahun 2025?

How much Ringgit Malaysia did Puan Zam get when she sold 20 000 Euro dollars in the year 2025?

- A RM44 000 C RM102 000
B RM9090.91 D RM4444.44

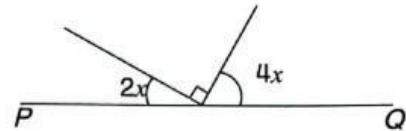
- 15 Selesaikan $\frac{x}{4} + 5 = -8$
Solve

- A -37 C -52
B 27 D 48

- 16 Selesaikan $6 - 4y = 8$
Solve

- A $-\frac{1}{4}$ C $-\frac{1}{2}$
B 3 D 5

17

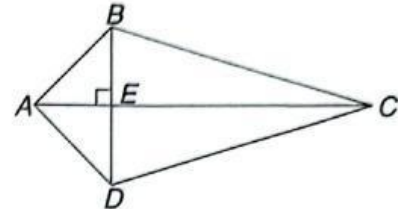


PQ ialah garis lurus. Cari nilai x .

PQ is a straight line. Find the value of x .

- A 12 C 18
B 15 D 20

18

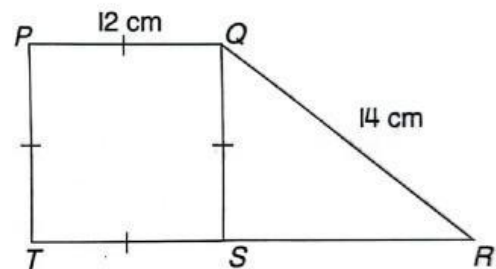


$ABCD$ ialah suatu layang. $BE = ED = 14$ cm. $BC = DC = 50$ cm dan $AB = AD = \sqrt{296}$. AEC ialah garis lurus. $AC =$

$ABCD$ is a kite. $BE = ED = 14$ cm, $BC = DC = 50$ cm and $AB = AD = \sqrt{296}$. AEC is a straight line. $AC =$

- A 60 cm C 58 cm
B 64 cm D 50 cm

19

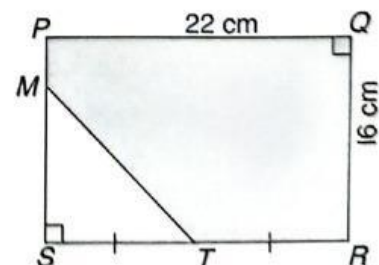


$PQST$ ialah sebuah segi empat sama. QSR ialah sebuah segi tiga. Cari perimeter seluruh rajah.

$PQST$ is a square. QSR is a triangle. Find the perimeter of the whole diagram.

- A 52 cm C 64 cm
B 69.2 cm D 57.2 cm

20



Dalam rajah, $PQRS$ ialah sebuah segi empat tepat. $ST = TR$ dan $PM = 4$ cm. Hitung luas kawasan berlorek.

In the diagram, $PQRS$ is a rectangle. $ST = TR$ and $PM = 4$ cm. Find the area of shaded region.

- A 178 cm² C 286 cm²
B 192 cm² D 352 cm²