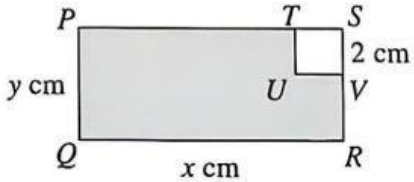


BAHAGIAN A

1. Diberi $a = \sqrt{2c} - 7$, ungkapkan c sebagai perkara rumus.
Given $a = \sqrt{2c} - 7$, express c as the subject of the formula.
- A $c = \left(\frac{a+7}{2}\right)^2$ B $c = \frac{(a+7)^2}{2}$
C $c = \frac{(a-7)^2}{2}$ D $c = \frac{\sqrt{(a+7)}}{2}$
2. Diberi $3u = \frac{5}{v+1}$, ungkapkan v sebagai perkara rumus.
Given $3u = \frac{5}{v+1}$, express v as the subject of the formula.
- A $v = \frac{4}{3u}$ B $v = \frac{5}{3u}$
C $v = \frac{5}{3u} + 1$ D $v = \frac{5}{3u} - 1$
3. Jika $q = 2p^2 - 11$, cari nilai p apabila $q = -3$.
If $q = 2p^2 - 11$, find the value of p when $q = -3$.
- A $\sqrt{7}$
B 2
C 4
D 8
4. Diberi $\frac{1}{s} + \frac{1}{t} = \frac{1}{u}$, cari nilai s apabila $t = 12$ dan $u = 6$.
Given $\frac{1}{s} + \frac{1}{t} = \frac{1}{u}$, find the value of s when $t = 12$ and $u = 6$.
- A 12
B 10
C 9
D 6
5. Jika $hp = \frac{p-h}{2}$, cari nilai h apabila $p = 4$.
If $hp = \frac{p-h}{2}$, find the value of h when $p = 4$.
- A $\frac{2}{3}$ B $\frac{5}{9}$
C $\frac{4}{9}$ D $\frac{1}{9}$
6. Umur Puan Rozi adalah empat kali umur anaknya, iaitu u tahun. Hasil tambah umur mereka enam tahun yang lepas ialah v tahun. Ungkapkan v dalam sebutan u .
Puan Rozi's age is four times her son's age which is u years old. Their total age six years ago was v years. Express v in terms of u .
- A $v = 5u - 6$
B $v = 5u + 6$
C $v = 5u - 12$
D $v = 5u + 12$
7. Rajah di bawah menunjukkan sebuah segi empat tepat PQRS dan sebuah segi empat sama STUV.
The diagram shows a rectangle PQRS and a square STUV.
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- Jika $L \text{ cm}^2$ ialah luas bagi kawasan yang berlorek, maka
If $L \text{ cm}^2$ is the area of the shaded region, then
- A $L = 4xy$
B $L = xy - 8$
C $L = xy - 6$
D $L = xy - 4$