

NAMA PELAJAR:

KELAS :



SMK SIMPANG BELURU
33600 ENGGOR PERAK

PEPERIKSAAN PERTENGAHAN TAHUN
KERTAS 1
MATEMATIK
TING 4
1 ½ jam

1449/1

Satu jam tiga puluh minit

JANGAN BUKA KERTAS PEPERIKSAAN INI SEHINGGA DIBERITAHU

1. *Kertas peperiksaan ini adalah dalam dwibahasa*
2. *Soalan dalam bahasa Melayu mendahului soalan yang sepadan dalam bahasa Inggeris.*

Soalan ini mengandungi 17 muka surat bercetak

RUMUS MATEMATIK MATHEMATICAL FORMULAE

Rumus-rumus berikut boleh membantu anda menjawab soalan. Simbol-simbol yang diberi adalah yang biasa digunakan.

The following formulae may be helpful in answering the questions. The symbols given are the ones commonly used.

NOMBOR DAN OPERASI NUMBERS AND OPERATIONS

- | | |
|--|---|
| 1 $a^m \times a^n = a^{m+n}$ | 2 $a^m \div a^n = a^{m-n}$ |
| 3 $(a^m)^n = a^{mn}$ | 4 $a^{\frac{m}{n}} = (a^{\frac{1}{n}})^m$ |
| 5 Faedah mudah / <i>Simple interest</i> , $I = Prt$ | |
| 6 Faedah kompaun / <i>Compound interest</i> , $MV = P\left(1 + \frac{r}{n}\right)^m$ | |
| 7 Jumlah bayaran balik / <i>Total repayment</i> , $A = P + Prt$ | |

PERKAITAN DAN ALGEBRA RELATIONSHIP AND ALGEBRA

- | | |
|---|--|
| 1 | Jarak/ <i>Distance</i> = $\sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$ |
| 2 | Titik tengah/ <i>Midpoint</i> , $(x, y) = \left(\frac{x_1 + x_2}{2}, \frac{y_1 + y_2}{2}\right)$ |
| 3 | Laju purata = $\frac{\text{Jumlah jarak}}{\text{Jumlah masa}}$

$\text{Average speed} = \frac{\text{Total distance}}{\text{Total time}}$ |
| 4 | $m = \frac{y_2 - y_1}{x_2 - x_1}$ |
| 5 | $m = -\frac{\text{pintasan} - y}{\text{pintasan} - x}$

$m = -\frac{y - \text{intercept}}{x - \text{intercept}}$ |
| 6 | $A^{-1} = \frac{1}{ad - bc} \begin{pmatrix} d & -b \\ -c & a \end{pmatrix}$ |

SUKATAN DAN GEOMETRI
MEASUREMENT AND GEOMETRY

- 1 Teorem Pythagoras / *Pythagoras Theorem*, $c^2 = a^2 + b^2$
- 2 Hasil tambah sudut pedalaman poligon / *Sum of interior angles of a polygon*
 $= (n - 2) \times 180^\circ$
- 3 Lilitan bulatan $= \pi d = 2\pi r$
Circumference of circle $= \pi d = 2\pi r$
- 4 Luas bulatan $= \pi r^2$
Area of circle $= \pi r^2$
- 5 $\frac{\text{Panjang lengkok}}{2\pi r} = \frac{\theta}{360^\circ}$
 $\frac{\text{Arc length}}{2\pi r} = \frac{\theta}{360^\circ}$
- 6 $\frac{\text{luas sektor}}{\pi r^2} = \frac{\theta}{360^\circ}$
 $\frac{\text{Area of sector}}{\pi r^2} = \frac{\theta}{360^\circ}$
- 7 Luas layang-layang $= \frac{1}{2} \times \text{hasil darab panjang dua pepenjuru}$
Area of kite $= \frac{1}{2} \times \text{product of two diagonals}$
- 8 Luas trapezium $= \frac{1}{2} \times \text{hasil tambah dua sisi selari} \times \text{tinggi}$
Area of trapezium $= \frac{1}{2} \times \text{sum of two parallel sides} \times \text{height}$
- 9 Luas permukaan silinder $= 2\pi r^2 + 2\pi rh$
Surface area of cylinder $= 2\pi r^2 + 2\pi rh$
- 10 Luas permukaan kon $= \pi r^2 + \pi rs$
Surface area of cone $= \pi r^2 + \pi rs$
- 11 Luas permukaan sfera $= 4\pi r^2$
Surface area of sphere $= 4\pi r^2$
- 12 Isi padu prisma $= \text{luas keratan rentas} \times \text{tinggi}$
Volume of prism $= \text{area of cross section} \times \text{height}$
- 13 Isi padu silinder $= \pi r^2 h$
Volume of cylinder $= \pi r^2 h$

- 14 Isi padu kon = $\frac{1}{3}\pi j^2 t$ ✓
Volume of cone = $\frac{1}{3}\pi r^2 h$
- 15 Isi padu sfera = $\frac{4}{3}\pi j^3$
Volume of sphere = $\frac{4}{3}\pi r^3$
- 16 Isi padu piramid = $\frac{1}{3} \times \text{luas tapak} \times \text{tinggi}$
Volume of pyramid = $\frac{1}{3} \times \text{base area} \times \text{height}$
- 17 Faktor skala, $k = \frac{PA'}{PA}$
Scale factor, $k = \frac{PA'}{PA}$
- 18 Luas imej = $k^2 \times \text{luas objek}$
Area of image = $k^2 \times \text{area of object}$

STATISTIK DAN KEBARANGKALIAN STATISTICS AND PROBABILITY

- 1 Min / Mean, $\bar{x} = \frac{\sum x}{N}$
- 2 Min / Mean, $\bar{x} = \frac{\sum fx}{\sum f}$
- 3 Varians / Variance, $\sigma^2 = \frac{\sum (x - \bar{x})^2}{N} = \frac{\sum x^2}{N} - \bar{x}^2$
- 4 Varians / Variance, $\sigma^2 = \frac{\sum f(x - \bar{x})^2}{\sum f} = \frac{\sum fx^2}{\sum f} - \bar{x}^2$
- 5 Sisihan piawai / Standard deviation, $\sigma = \sqrt{\frac{\sum (x - \bar{x})^2}{N}} = \sqrt{\frac{\sum x^2}{N} - \bar{x}^2}$
- 6 Sisihan piawai / Standard deviation, $\sigma = \sqrt{\frac{\sum f(x - \bar{x})^2}{\sum f}} = \sqrt{\frac{\sum fx^2}{\sum f} - \bar{x}^2}$
- 7 $P(A) = \frac{n(A)}{n(S)}$
- 8 $P(A') = 1 - P(A)$

Jawab **semua** soalan.

Answer **all** questions.

1. Bundarkan 4.068 betul kepada dua angka bererti.

Round off 4.068 correct to two significant figures.

A 4.0

B 4.1

C 4.06

D 4.07

2. Bundarkan 0.0234567 betul kepada tiga angka bererti.

Round off 0.0234567 correct to three significant figures.

A 0.023

B 0.0230

C 0.0234

D 0.0235

3. Ungkapkan 9.03×10^4 sebagai satu nombor tunggal.

Express 9.03×10^4 as a single number.

A 9 030

B 90 300

C 903 000

D 9 030 000

4.
$$\frac{520.8 \times 10^{-3}}{10^{-5}}$$

$$520.8 \times 10^{-3 - (-5)}$$

$$520.8 \times 10^2$$

$$5.208 \times 10^3 \times 10^2$$

A 5.208×10^8

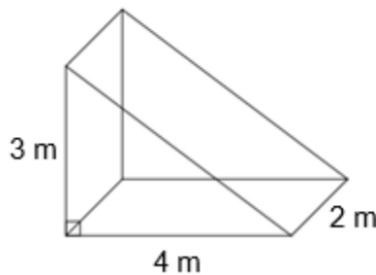
B 5.208×10^{-8}

C 5.208×10^4

D 5.208×10^{-4}

5. Rajah 1 menunjukkan sebgongkah logam berbentuk prisma.

Diagram 1 shows a prism shaped piece of metal.



Rajah 1 / Diagram 1

$$\text{Isipadu} = \frac{3 \times 4}{2} \times 2 = 12 \text{ m}^3$$

$$\text{Jisim} = \text{Ketumpatan} \times \text{isipadu}$$

$$= 3100 \times 12$$

$$= 37200 \text{ kg}$$

$$\text{Bil} = \frac{37200000}{5} = 7440000$$

Logam itu dileburkan untuk membentuk beberapa kubus kecil yang berjisim 5 g setiap satu. Diberi bahawa ketumpatan logam itu ialah 3100 kg/m^3 , cari bilangan kubus yang dapat dibentuk. [Ketumpatan = $\frac{\text{Jisim}}{\text{Isipadu}}$].

The metal is melted to form several small cubes weighing 5 g each. Given that the density of the metal is 3100 kg/m^3 , find the number of cubes that can be formed.

$$\left[\text{Density} = \frac{\text{Mass}}{\text{Volume}} \right]$$

A 3.72×10^4

☒ C 7.44×10^6

B 3.72×10^{-4}

D 7.44×10^{-6}

6. Luas sebuah bendera Malaysia gergasi untuk perarakan kemerdekaan ialah $9.9 \times 10^3 \text{ m}^2$. Lebar bendera tersebut ialah 9000 cm. Hitung panjang, dalam cm, bendera tersebut.

The area of the giant Malaysia flag for the independence march is $9.9 \times 10^3 \text{ m}^2$. The width of the flag is 9000 cm. Calculate the length in, cm of the flag.

A 1.1×10^3

☒ B 1.1×10^4

C 1.1×10^5

D 1.1×10^6

$$\text{panjang} = \frac{9.9 \times 10^3 \text{ m}^2}{9000 \text{ cm}}$$

$$= \frac{9.9 \times 10^3}{90} = 110 \text{ m} = 11000 \text{ cm}$$

7.

Diagram 1 shows an empty cone with height 20 cm and its diameter of 30 cm.

Rajah 1 menunjukkan sebuah kon kosong dengan tinggi 20 cm dan diameternya ialah 30 cm.

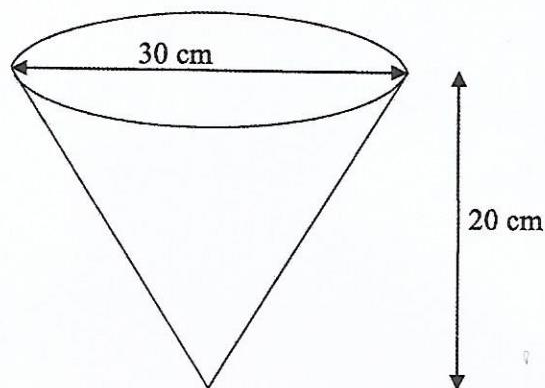


Diagram 1
Rajah 1

Isipadu kon
 $\frac{1}{3} \pi r^2 h$
 70% $\frac{1}{3} \pi (15)^2 (20)$

If the cone is 70% filled up with water, calculate the volume, in cm^3 , of the water.

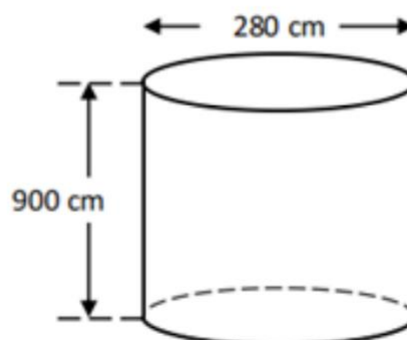
Jika 70% kon tersebut dipenuhi dengan air, kirakan isipadu, dalam cm^3 , air tersebut.

- ☒ A 3.5×10^3
- ☐ B 4.7×10^3
- ☐ C 1.3×10^4
- ☐ D 1.9×10^4

8.

Rajah 9 menunjukkan sebuah silinder. Hanna memasukkan air ke dalam silinder itu sehingga penuh.

Diagram 9 shows an empty cylinder. Hanna fills up the cylinder full with water.



Rajah 9 / Diagram 9

$\pi r^2 h = \pi (140)^2 (900)$

Hitung isipadu, dalam cm^3 , air yang perlu dimasukkan ke dalam lima bekas silinder yang sama saiz.

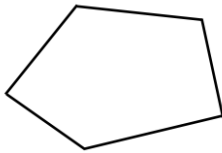
Calculate the volume, in cm^3 , of water needed to fill up five cylinders of the same size.

- A** 2.77×10^8
B 5.544×10^7

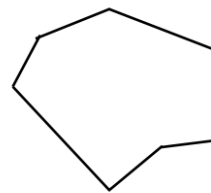
- C** 1.764×10^8
D 7.056×10^7

9. Manakah antara poligon di bawah mempunyai jumlah sudut pendalaman 720° ?
Which of the following polygons has a total of 720° interior angles?

A



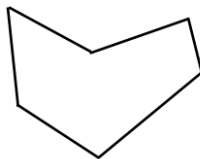
C



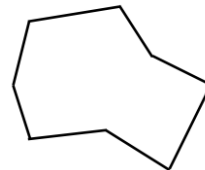
$$(n-2)180 = 720$$

$$n =$$

B

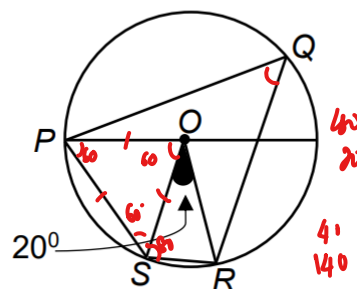


D



10. Rajah 3 menunjukkan bulatan berpusat di O. Jika POS ialah segi tiga sama sisi dan $\angle SOR = 20^\circ$, hitung nilai $\angle PQR$.

Diagram 3 shows a circle centered at O. If POS is an equilateral triangle and $\angle SOR = 20^\circ$, calculate the value of $\angle PQR$.

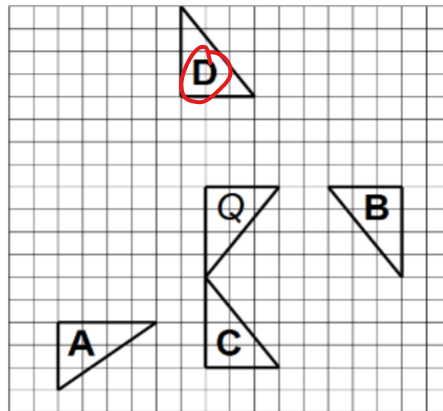


Rajah 3 / Diagram 3

- A** 20°
B 30°

- C** 40°
D 50°

11. Rajah 6 menunjukkan lima segi tiga yang dilukis pada grid segi empat sama.
Diagram 6 shows five triangles drawn on square grids.

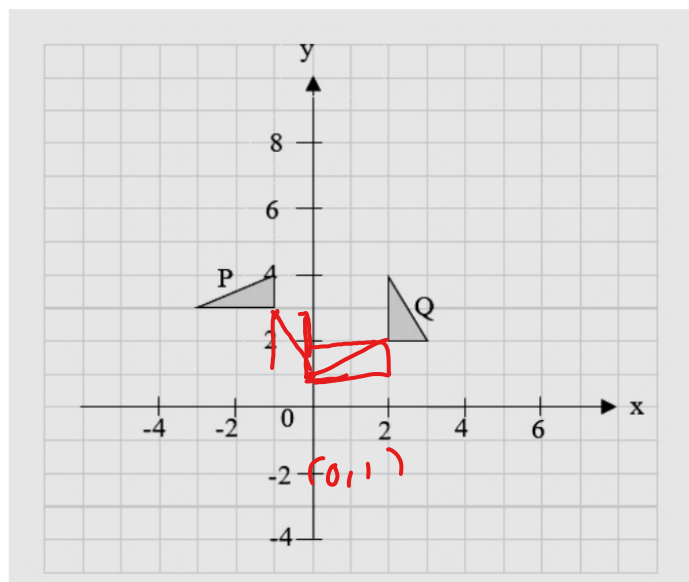


Rajah 6 / Diagram 6

Antara segi tiga **A**, **B**, **C** dan **D**, yang manakah **bukan** imej bagi Q di bawah suatu pantulan?

*Which of the triangles **A**, **B**, **C** and **D** is **not** the image of Q under a certain reflection?*

12. Rajah 4 menunjukkan dua buah segitiga, P dan Q yang dilukis pada satah cartes.
Diagram 4 shows two triangle, P and Q drawn on a cartesian plane.



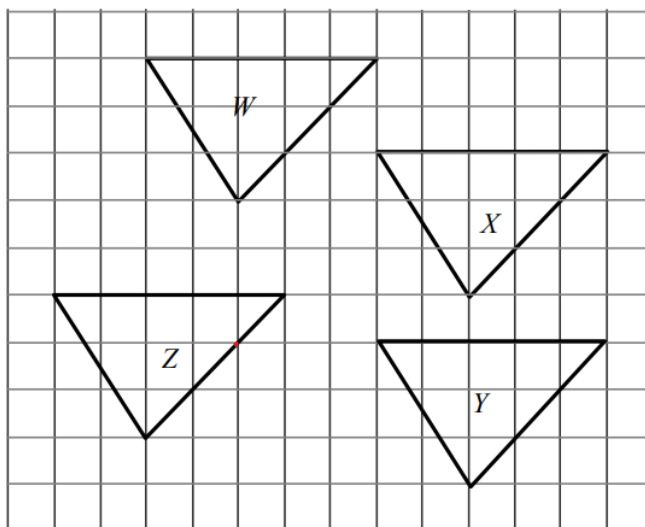
Rajah 4
 Diagram 4

Q ialah imej bagi P dibawah putaran 90° ikut arah jam. Nyatakan koordinat pusat putaran tersebut

Q is the image of P under a rotation of 90° . State the coordinates of the center of rotation

- A** (0,1)
- B** (1,0)
- C** (1,4)
- D** (4,1)

13. Rajah 5 menunjukkan empat segitiga, W , X , Y dan Z , dilukis pada grid segiempat sama. *Diagram 5 shows four triangles, W , X , Y and Z , drawn on the square grids.*

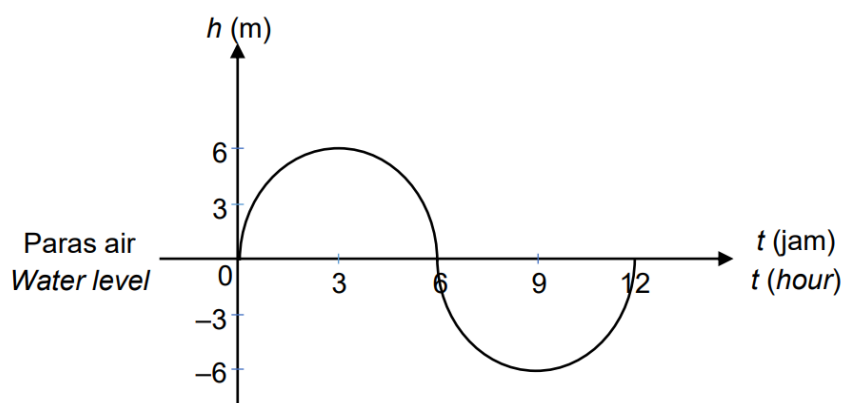


Rajah 5
Diagram 5

Antara yang berikut, yang manakah translasi yang betul?
Which of the following is the correct translation?

	Segitiga <i>Triangle</i>	Imej <i>Image</i>	Vektor translasi <i>Vector of translation</i>
A	W	X	$\begin{pmatrix} 5 \\ 2 \end{pmatrix}$
B	X	Y	$\begin{pmatrix} 0 \\ 4 \end{pmatrix}$
C	Y	Z	$\begin{pmatrix} -2 \\ 1 \end{pmatrix}$
D	Z	W	$\begin{pmatrix} 2 \\ 5 \end{pmatrix}$

14. Rajah 8 menunjukkan ketinggian air laut ketika pasang surut.
Diagram 8 shows the height of an ocean tide.



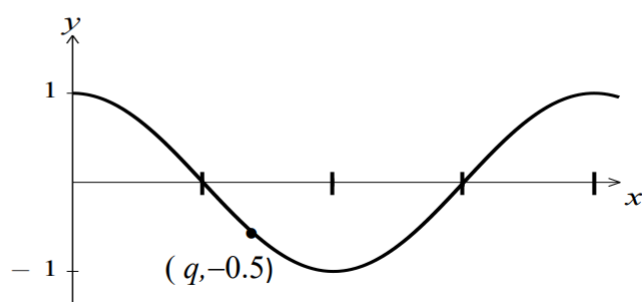
Rajah 8 / Diagram 8

Antara berikut, yang manakah fungsi trigonometri yang mewakili ketinggian pasang surut air itu.

Which of the following a trigonometric function that represents the height of the tide.

- | | | | |
|----------|--------------|----------|--------------|
| A | $12 \sin 6t$ | C | $6 \sin 30t$ |
| B | $12 \cos 6t$ | D | $6 \cos 30t$ |

15. Rajah 7 menunjukkan graf $y = \cos x^\circ$.
Diagram 7 shows the graph of $y = \cos x^\circ$.



$$-0.5 = \cos u$$

$$u = \cos^{-1}(-0.5)$$

Rajah 7
 Diagram 7

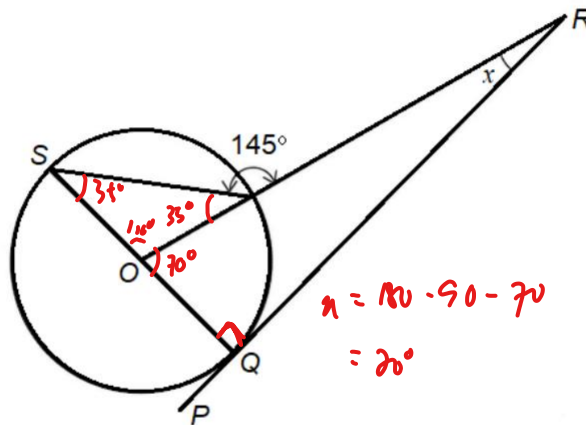
Cari nilai q .
Find the value of q .

- | | |
|----------|-------------|
| A | 90° |
| B | 120° |
| C | 150° |
| D | 210° |

- 16.

Dalam Rajah 4, PQR ialah tangen kepada bulatan dengan pusat O pada titik Q . Diberi bahawa SOQ ialah diameter bulatan.

In Diagram 4, PQR is a tangent to the circle with centre O, at point Q. Given that SOQ is a diameter of the circle.



Rajah 4 / Diagram 4

Find the value of x .

Cari nilai x .

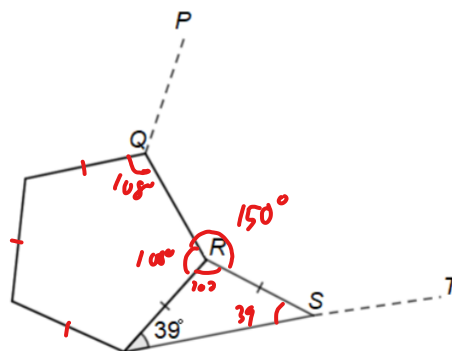
- | | | | |
|----------|----|----------|----|
| A | 20 | C | 35 |
| B | 40 | D | 55 |

- 17.

Rajah 2 menunjukkan sebuah pentagon sekata dan sebuah segi tiga sama kaki.

$PQRST$ ialah sebahagian daripada sebuah poligon sekata yang tidak lengkap.

Diagram 2 shows a regular pentagon and an isosceles triangle. PQRST is part of an incomplete regular polygon.



Rajah 2 / Diagram 2

$$\frac{(n-2)180}{n} = 150^\circ$$

$$(n-2)180 = 150n$$

$$180n - 360 = 150n$$

$$30 \wedge = 360$$

$$h = \frac{364}{28} = 12$$

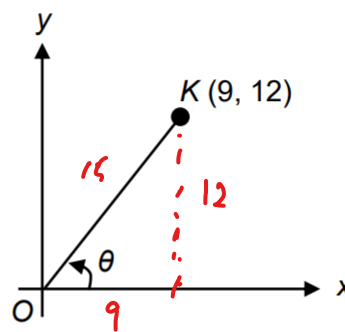
Cari bilangan sisi bagi poligon sekata yang tidak lengkap itu.

Find the number of sides of the incomplete regular polygon.

- | | | | |
|----------|----|----------|----|
| A | 9 | C | 11 |
| B | 10 | D | 12 |

18. Rajah 7 menunjukkan titik K yang diplot pada suatu satah Cartes.

Diagram 7 shows point K plotted on a Cartesian plane.



$$OK = \sqrt{9^2 + 12^2}$$

$$\sin \theta = \frac{12}{15} = \frac{4}{5}$$

Rajah 7 / Diagram 7

Hitung nilai $\sin \theta$.

Calculate the value of $\sin \theta$.

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

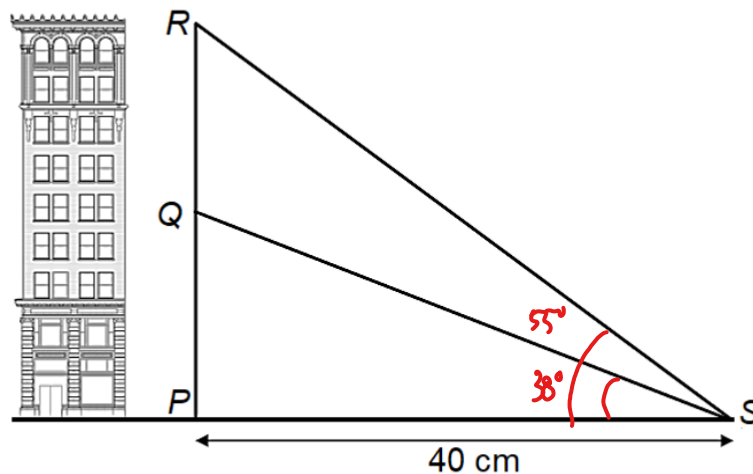
19. Selesaikan / Solve $\frac{p}{3m} - \frac{1-p}{m}$.

$$\frac{p}{3m} - \frac{3(1-p)}{3m} = \frac{p-3+3p}{3m} = \frac{4p-3}{3m}$$

- | | | | |
|----------|------------------------|----------|--------------------|
| A | $\frac{pm-3m-p}{3m^2}$ | C | $\frac{4p-3}{3m}$ |
| B | $\frac{pm-3m+p}{3m^2}$ | D | $\frac{-2p-3}{3m}$ |

20. Dalam Rajah 11, P dan S adalah dua titik pada permukaan mengufuk. P , Q dan R ialah tiga titik yang terletak pada sebuah replika bangunan. Diberi sudut dongakan Q dari S ialah 38° dan sudut dongakan R dari S ialah 55° .

In Diagram 11, P and S are two points on a horizontal surface. P , Q and R are three points located on a replica of a building. Given the elevation angle of Q from S is 38° and the elevation angle of point R from S is 55° .



Rajah 11 / Diagram 11

$$\tan 55^\circ = \frac{PR}{40}$$

$$PR = 40 \tan 55^\circ \\ = 57.13$$

Hitung jarak, dalam sentimeter, bagi QR .

Calculate the distance, in centimeter, of QR .

- A** 31.25
B 57.13

- (C)** 25.88
D 28.26

$$\tan 38^\circ = \frac{PQ}{40}$$

$$PQ = 40 \tan 38^\circ \\ = 31.25$$

21. $3x(x - 2y) - (3x - y)^2 =$

$$3x^2 - 6xy - (9x^2 - 6xy + y^2) = 3x^2 - 6xy - 9x^2 + 6xy - y^2$$

A $-6xy + y^2$

(C) $-6x^2 - y^2$

B $-6x^2 - 6xy + y^2$

D $-3x^2 - 9xy - y^2$

$$-6x^2 - y^2$$

22. Diberi $T = \frac{1}{3}\sqrt{\frac{m}{K}}$, ungkapkan m dalam sebutan T dan K .

Given that $T = \frac{1}{3}\sqrt{\frac{m}{K}}$ express m in terms of T and K .

$$T^2 = \left(\frac{1}{3}\right) \left(\frac{m}{K}\right)$$

$$9T^2K$$

A $m = 9KT^2$

C $m = 3KT^2$

B $m = \frac{T^2}{9K}$

D $m = \frac{T^2}{3K}$

23. Puan Fatimah mendepositkan sejumlah wang ke dalam akaun simpanannya yang memberi kadar faedah 2% setahun dan dikompaun setiap suku tahun. Berapakah deposit Puan Fatimah sekiranya wang yang terkumpul pada akhir tahun kelima adalah sebanyak RM7 734.26?

Puan Fatimah deposits a sum of money into her savings account which gives an interest rate of 2% per annum and is compounded quarterly. What is Puan Fatimah's deposit if the money accumulated at the end of the fifth year is RM7 734.26?

A RM7 000

C RM8 000

B RM 7 100

D RM8 200

24. Faizul telah menerima satu pinjaman peribadi sebanyak RM 15 000 daripada sebuah bank dengan kadar faedah sebanyak 7% setahun selama 18 bulan. Hitung bayaran ansuran bulanan Faizul.

A RM 11 500

$$1.5 \text{ thn}$$

B RM 1 575

C RM 920.83

D RM 638.89

25. $(2m^2)^3 \div 2m^{-3} =$

$$\frac{8m^6}{2m^{-3}} = 4m^9$$

A $4m^3$

C $8m^3$

B $\frac{m^3}{4}$

D $\frac{4}{m^3}$

26. Diberi $125^n \times \frac{1}{25} = 625^n$, cari nilai n .

Given that $125^n \times \frac{1}{25} = 625^n$, find the value of n .

$$125^n \times 25^{-1} = 625$$

$$5^{3n} \times 5^{-2} = 5^4$$

$$3n - 2 = 4$$

$$3n = 6$$

$$n = 2$$

A -2

B 2

C 3

D -1

27. Cari nilai k dalam persamaan kuadrat yang berikut.

Find the values of k in the following quadratic equation.

$$\frac{k+4}{2} = \frac{3}{k+3}$$

$$k^2 + 4k + 3k + 12 = 6$$

$$k^2 + 7k + 6 = 0$$

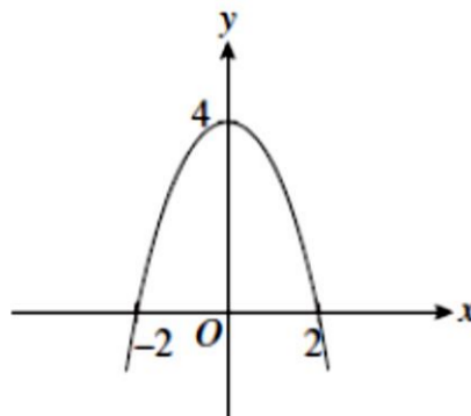
A $k = -1, k = 1$

B $k = -6, k = -1$

C $k = -3, k = 1$

D $k = 2, k = 3$

28. Rajah menunjukkan suatu fungsi kuadrat yang dilukis pada satu satah Cartesan.
Diagram shows a quadratic equation drawn on a Cartesian plane.



Cari persamaan bagi graf itu.

Find the equation of the graph.

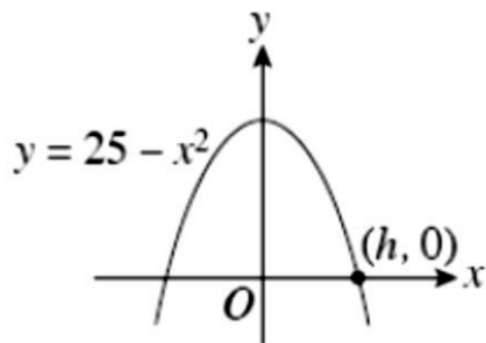
A $y = 2 - x^2$

B $y = 2 + x^2$

C $y = 4 - x^2$

D $y = 4 + x^2$

29. Rajah di bawah menunjukkan graf suatu fungsi.
The diagram shows the graph of a function.



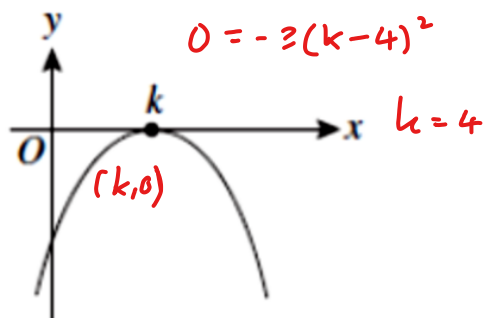
$$\begin{aligned} 0 &= 25 - h^2 \\ h^2 &= 25 \\ h &= \sqrt{25} \\ &= 5 \end{aligned}$$

Cari nilai h .
Find the value of h .

- A -5
B -3

- ☒ C 5
D 6

30. Rajah menunjukkan graf bagi fungsi $y = -3(x - 4)^2$.
Diagram shows the graph of the function $y = -3(x - 4)^2$.



$$\begin{aligned} 0 &= -3(k - 4)^2 \\ k &= 4 \end{aligned}$$

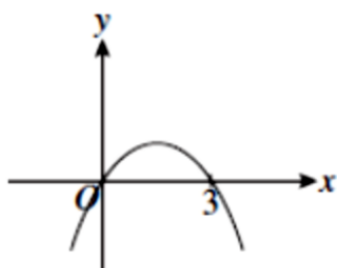
Cari koordinat bagi titik maximum k .
Find the coordinate of the maximum point k .

- A (12, 0)
B (6, 0)

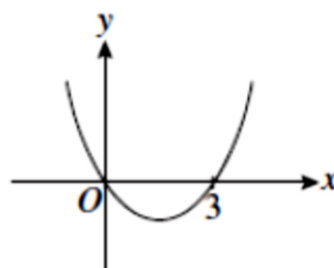
- ☒ C (4, 0)
D (2, 0)

31. Antara berikut, yang manakah mewakili graf bagi $y = 3x - x^2$.
Which of the following represents the graph of $y = 3x - x^2$.

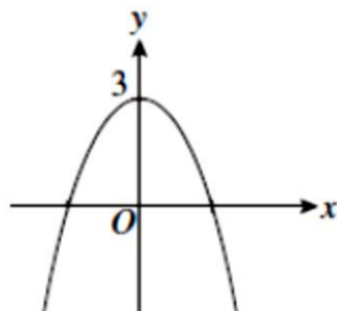
A



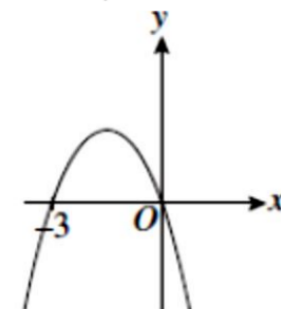
C



B



D



32. Diberi $2^p \times 2^3 = 64$. Cari nilai p .
Given that $2^p \times 2^3 = 64$. Find the value of p .

$$p+3=6$$

$$p=3$$

A

3

C

8

B

4

D

9

33. Diberi bahawa $452_7 - M_7 = 166_7$, maka $M_7 =$

Given that $452_7 - M_7 = 166_7$, then $M_7 =$

$$\begin{array}{r} 3 4 1 \\ 452_7 \\ - 166_7 \\ \hline 253 \end{array}$$

A

235

C

325

B

253

D

352

34. Diberi $P_5 = 356_8$, cari nilai P .
Given that $P_5 = 356_8$, find the value of P .

$$3 \times 8^2 + 5 \times 8^1 + 6 \times 8^0 =$$

$$\begin{array}{r} 5 \overline{) 238} \\ 5 \overline{) 47} \\ 5 \overline{) 9} \\ 5 \overline{) 1} \\ 0 \end{array}$$

A

1234

C

1342

B

1324

D

1423

35. Apakah nilai bagi digit 7, dalam asas sepuluh, dalam nombor 2375_8 ?
What is the value of the digit 7, in base ten, in the number 2375_8 ?

A 7
 B 15
 C 56
 D 268

7×8^1

36. Ungkapkan 111011_2 sebagai nombor dalam asas sembilan.
Express 111011_2 as a number in base nine.

A 56_9
 B 58_9
 C 61_9
 D 65_9

$9 \overline{) 59}$
 $9 \overline{) 65}$
 0 6 1

37. $1305_6 - x_6 = 515_6$
 Apakah nilai x ?
What is the value of x ?

A 191
 B 350
 C 515
 D 545

$\begin{array}{r} 26 \\ \times 205_6 \\ \hline 515_6 \end{array}$
 350

38. Dalam suatu ujian, Aida mendapat markah 114_8 dan 1100_4 bagi subjek Sains dan Matematik. Berapakah purata markah yang diperoleh oleh Aida, dalam asas sepuluh?
In a test, Aida obtained 114_8 and 1100_4 marks in Science and Mathematics subjects. What is the mean mark obtained by Aida, in base ten?

A 76
 B 78
 C 80
 D 82

76_8 80_8

2 x 6'

39. Apakah nilai digit bagi digit 2 dalam 2134_6 ?
What is the digit value of digit 2 in 2134_6 ?

A 36
B 432
C 216
D 48

40. Antara berikut, yang manakah benar?
Which of the following is true?

A $53_{10} > 107_9$ ^
B $53_{10} > 110110_2$ ✗
C $53_{10} > 53_8$ ✓
D $53_{10} > 2100_3$ ✗

KERTAS SOALAN TAMAT

END OF THE QUESTIONS

Disediakan oleh ,

Disemak oleh,

.....

.....

(MUHAMMAD HAFIDZ BIN ANUAR)

(AKLIMA BINTI CHU@OSMAN)
Ketua Panitia Matematik