

TERENGGANU 2015
SOALAN PERCUBAAN MATEMATIK
KERTAS 1

MATHEMATICAL FORMULAE RUMUS MATEMATIK

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

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

RELATIONS PERKAITAN

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 $A^{-1} = \frac{1}{ad-bc} \begin{pmatrix} d & -b \\ -c & a \end{pmatrix}$

5 Distance / Jarak
 $= \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$

6 Midpoint / Titik tengah
 $(x, y) = \left(\frac{x_1 + x_2}{2}, \frac{y_1 + y_2}{2} \right)$

7 Average speed = $\frac{\text{distance travelled}}{\text{time taken}}$

Purata laju = $\frac{\text{jarak yang dilalui}}{\text{masa yang diambil}}$

8 Mean = $\frac{\text{sum of data}}{\text{number of data}}$

Min = $\frac{\text{hasil tambah nilai data}}{\text{bilangan data}}$

9 Mean = $\frac{\text{sum of (classmark} \times \text{frequency)}}{\text{sum of frequencies}}$

Min = $\frac{\text{hasil tambah (nilai titik tengah kelas} \times \text{kekerapan)}}{\text{hasil tambah kekerapan}}$

10 Pythagoras Theorem
Teorem Pithagoras
 $c^2 = a^2 + b^2$

11 $P(A) = \frac{n(A)}{n(S)}$

12 $P(A') = 1 - P(A)$

13 $m = \frac{y_2 - y_1}{x_2 - x_1}$

14 $m = -\frac{y\text{-intercept}}{x\text{-intercept}}$

$m = -\frac{\text{pintasan } y}{\text{pintasan } x}$

**SHAPES AND SPACE
BENTUK DAN RUANG**

- 1 Area of trapezium = $\frac{1}{2} \times \text{sum of parallel sides} \times \text{height}$
Luas trapezium = $\frac{1}{2} \times \text{hasil tambah dua sisi selari} \times \text{tinggi}$
- 2 Circumference of circle = $\pi d = 2\pi r$
Lilitan bulatan = $\pi d = 2\pi j$
- 3 Area of circle = πr^2
Luas bulatan = πj^2
- 4 Curved surface area of cylinder = $2\pi rh$
Luas permukaan melengkung silinder = $2\pi jt$
- 5 Surface area of sphere = $4\pi r^2$
Luas permukaan sfera = $4\pi j^2$
- 6 Volume of right prism = cross sectional area \times length
Isipadu prisma tegak = luas keratan rentas \times panjang
- 7 Volume of cylinder = $\pi r^2 h$
Isipadu silinder = $\pi j^2 t$
- 8 Volume of cone = $\frac{1}{3} \pi r^2 h$
Isipadu kon = $\frac{1}{3} \pi j^2 t$
- 9 Volume of sphere = $\frac{4}{3} \pi r^3$
Isipadu sfera = $\frac{4}{3} \pi j^3$
- 10 Volume of right pyramid = $\frac{1}{3} \times \text{base area} \times \text{height}$
Isipadu piramid tegak = $\frac{1}{3} \times \text{luas tapak} \times \text{tinggi}$
- 11 Sum of interior angles of a polygon
Hasil tambah sudut pedalaman poligon
 $= (n - 2) \times 180^\circ$

$$12 \quad \frac{\text{arc length}}{\text{circumference of circle}} = \frac{\text{angle subtended at centre}}{360^\circ}$$

$$\frac{\text{panjang lengkung}}{\text{lilitan bulatan}} = \frac{\text{sudut pusat}}{360^\circ}$$

$$13 \quad \frac{\text{area of sector}}{\text{area of circle}} = \frac{\text{angle subtended at centre}}{360^\circ}$$

$$\frac{\text{luas sektor}}{\text{luas bulatan}} = \frac{\text{sudut pusat}}{360^\circ}$$

$$14 \quad \text{Scale factor, } k = \frac{PA'}{PA}$$

$$\text{Faktor skala, } k = \frac{PA'}{PA}$$

$$15 \quad \text{Area of image} = k^2 \times \text{area of object}$$

$$\text{Luas imej} = k^2 \times \text{luas objek}$$

Bahagian A

Jawab **semua** soalan dalam bahagian ini..

1. Round off 4.078 to two significant figures.

Bundarkan 4.078 kepada dua angka bererti.

- A 4.0
- B 4.1
- C 4.08
- D 4.09

2. Express 0.0006145 in standard form.

Ungkapkan 0.0006145 dalam bentuk piawai.

- A 6.145×10^4
- B 6.145×10^3
- C 6.145×10^{-3}
- D 6.145×10^{-4}

3.
$$\frac{0.072}{(2 \times 10^3)^3}$$

- A 9×10^{-12}
- B 9×10^8
- C 3.6×10^{-12}
- D 3.6×10^8

4. Ahmad has 168 kg of sand. He uses 40% of sand to make a wall. The remaining sand is divided equally into 3 bags. Find the mass, in g, of sand in each bag.

Ahmad mempunyai 168 kg pasir. Dia menggunakan 40% daripada pasir itu untuk membuat dinding. Baki pasir itu dibahagikan sama banyak ke dalam 3 beg. Cari jisim, dalam g, pasir di dalam setiap beg itu.

- A 2.24×10^3
- B 2.24×10^4
- C 3.36×10^3
- D 3.36×10^4

5. $10111_2 + 111_2 =$

- A 11100_2
- B 11110_2
- C 100000_2
- D 100110_2

6. Express 34_8 as a number in base two.

Ungkapkan 34_8 sebagai satu nombor dalam asas dua.

- A 10100_2
- B 11100_2
- C 11110_2
- D 100110_2

7. In Diagram 1, PQRST is a regular pentagon. PQ and UV are parallel, TPU and TQV are straight lines.

Dalam Rajah 1, PQRST ialah sebuah pentagon sekata. PQ dan UV selari. TPU dan TQV adalah garis lurus

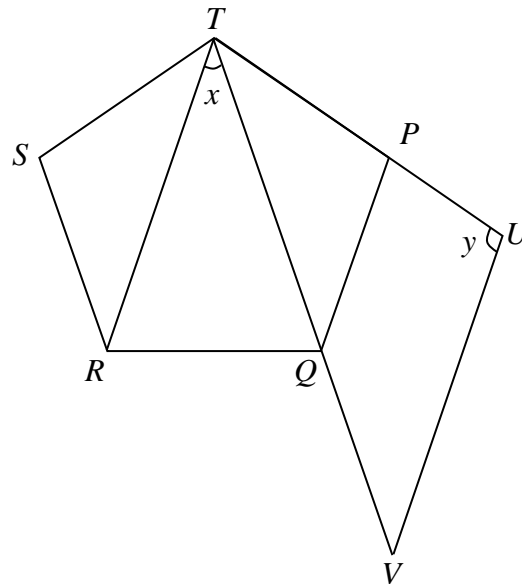


Diagram 1 / Rajah 1

Find the value of $x + y$.

Carikan nilai $x + y$.

- A 36
- B 108
- C 144
- D 180

8. In Diagram 2, PR is the diameter of the circle, centre O. SOQ is a straight line and RS is a tangent to the circle at R.

Dalam Rajah 2, PR ialah diameter bulatan pusat O. SOQ ialah garis lurus dan RS ialah tangen kepada bulatan di R.

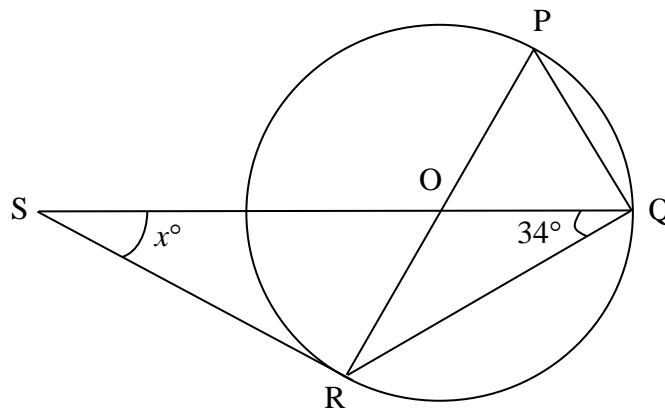


Diagram 2 / Rajah 2

Find the value of x .

Carikan nilai x .

- A 22
- B 34
- C 56
- D 100

9. In Diagram 3, the ΔSTU is the image of the ΔPQR under an enlargement

Dalam Rajah 3, ΔSTU ialah imej bagi ΔPQR di bawah satu pembesaran.

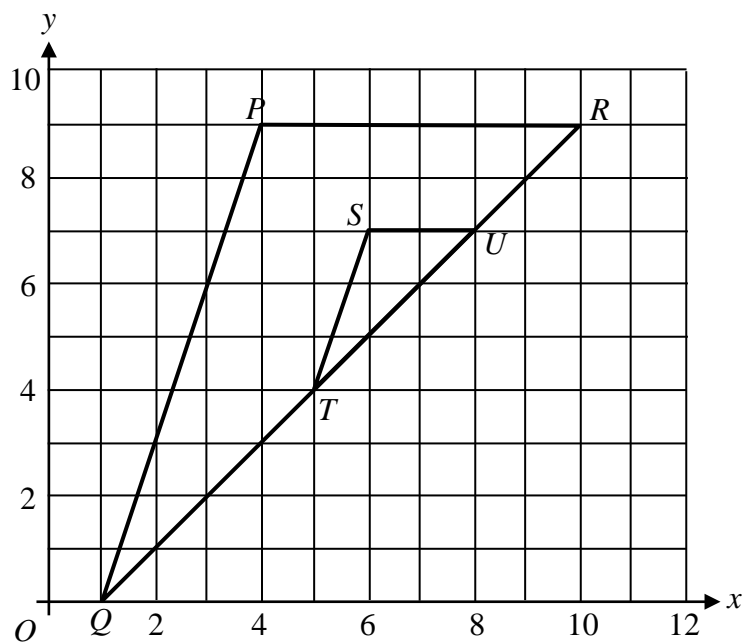


Diagram 3 / *Rajah 3*

The coordinate of the centre of the enlargement and its scale factor are

Koordinat bagi pusat pembesaran dan faktor skala ialah

	Centre of enlargement <i>Pusat pembesaran</i>	Scale factor <i>Faktor skala</i>
A	(4, 9)	$\frac{1}{3}$
B	(6, 7)	3
C	(7, 6)	$\frac{1}{3}$
D	(7, 6)	3

10. Diagram 4 shows graph $y = \tan x$.

Rajah 4 menunjukkan graf $y = \tan x$.

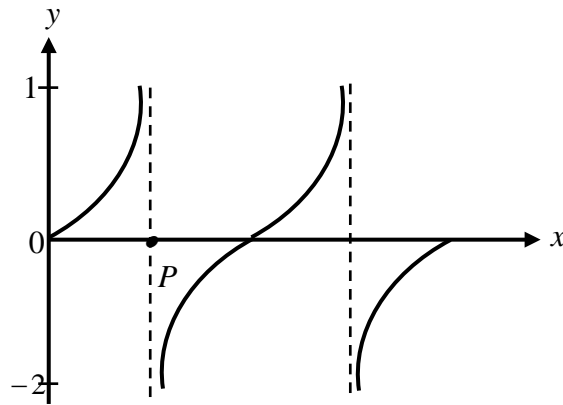


Diagram 4 / *Rajah 4*

The value of p is

Nilai p ialah

- A 90°
- B 180°
- C 270°
- D 360°

11. In Diagram 5, PRS is a straight line.

Dalam Rajah 5 , PRS ialah suatu garis lurus

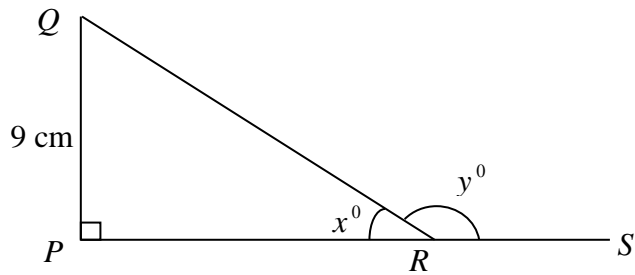


Diagram 5 / Rajah 5

Given $\tan y^\circ = -\frac{3}{4}$, the value of $\cos x^\circ$ is

Diberi $\tan y^\circ = -\frac{3}{4}$, nilai $\cos x^\circ$ ialah

A $\frac{3}{4}$

B $\frac{3}{5}$

C $\frac{4}{5}$

D $\frac{4}{3}$

12. Diagram 6 shows a unit circle with the centre O.

Rajah 6 menunjukkan sebuah bulatan unit berpusat O.

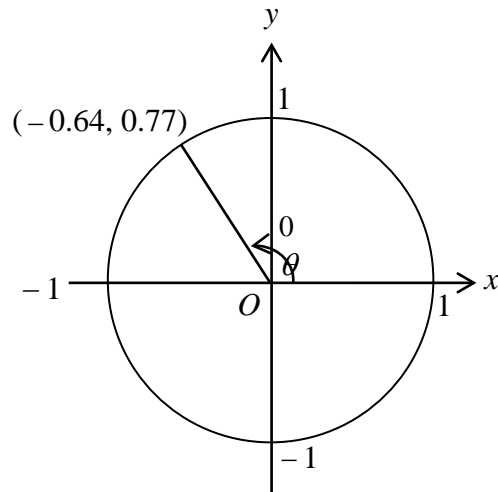


Diagram 6 / *Rajah 6*

The value of $\cos \theta$ is

Nilai bagi kos θ ialah

- A 1.20
- B 0.77
- C -0.64
- D -0.83

13. The Diagram 7 shows a cuboid. M is the midpoint of RS .

Rajah 7 menunjukkan sebuah kuboid. M ialah titik tengah RS .

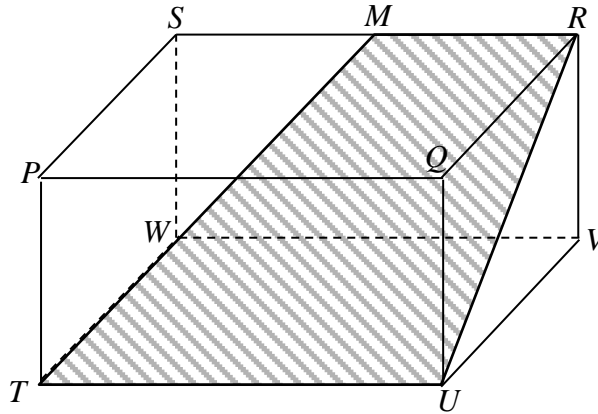


Diagram 7 / *Rajah 7*

Name the angle between the planes $TURM$ and $TUVW$.

Namakan sudut antara satah $TURM$ dan $TUVW$.

- A $\angle VUR$
- B $\angle WTM$
- C $\angle UTW$
- D $\angle TUR$

14. In the Diagram 8 below, P , Q and R are three points on a horizontal plane.

Dalam Rajah 8 di bawah, P , Q dan R merupakan tiga titik diatas satah mengufuk

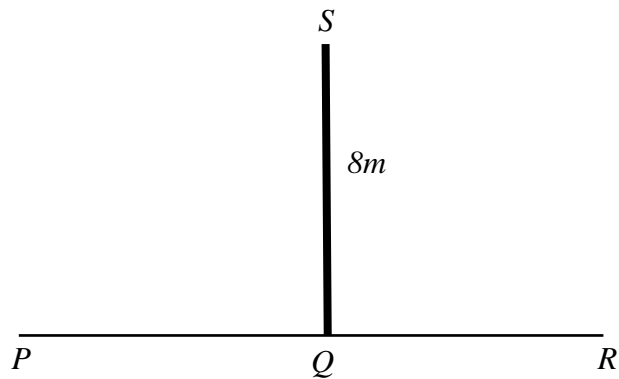


Diagram 8 / Rajah 8

QS is a vertical pole and $PR = 18$ m. The angle of depression of point P from peak S is 32° .

Find the angle of elevation of peak S from point R .

QS ialah sebatang tiang tegak dan $PR = 18$ m. Sudut tunduk titik P dari puncak S ialah 32° . Cari sudut dongak puncak S dari titik R .

- A $56^\circ 59'$
- B $41^\circ 38'$
- C $31^\circ 36'$
- D $23^\circ 58'$

15. In the Diagram 9 below, P , Q and R are three points on a horizontal plane. PT and QS are two vertical poles.

Dalam Rajah 9 dibawah, P , Q dan R merupakan tiga titik di atas satah mengufuk. PT dan QS ialah dua tiang tegak.

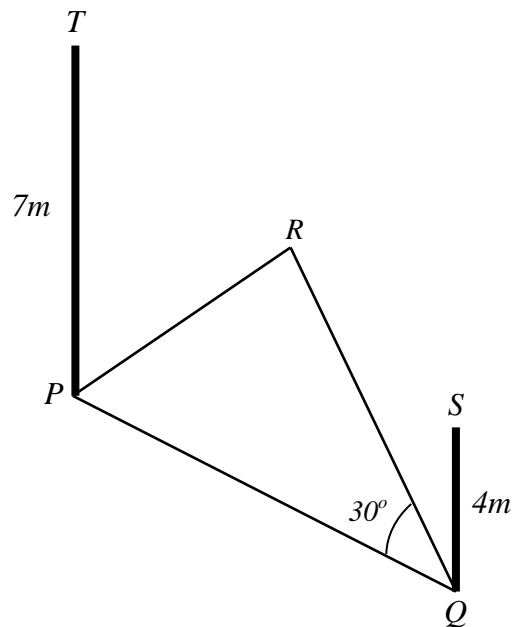


Diagram 9 / Rajah 9

Given $\angle PRQ = 90^\circ$ and $PR = 8\text{ m}$.

Find the angle of depression of peak S from peak T

Diberi $\angle PRQ = 90^\circ$ dan $PR = 8\text{ m}$.

Cari sudut tunduk puncak S dari puncak T

- A $5^\circ 10'$
- B $10^\circ 37'$
- C $16^\circ 42'$
- D $17^\circ 59'$

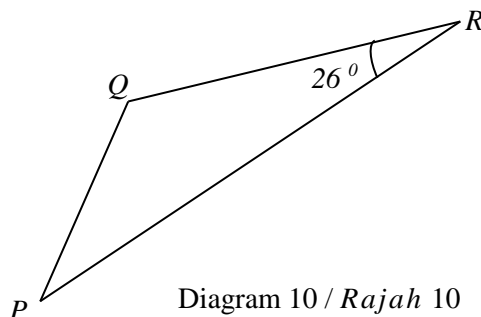
16. A monkey on a tree is looking at a banana on the horizontal ground. The angle of depression of the banana from the monkey is 30° and the horizontal distance between the monkey and the banana is 13 m. Find the height, in m, of the monkey from the ground.

Seekor monyet berada diatas pokok melihat sebiji pisang diatas tanah rata. Sudut tunduk pisang dari monyet ialah 30° dan jarak mengufuk antara monyet dan pisang ialah 13 m. Cari tinggi, dalam m, monyet dari bawah.

- A 22.52
- B 7.51
- C 6.93
- D 6.28

17. Diagram 10 shows three points. P , Q and R , on a horizontal plane.

Rajah 10 menunjukkan tiga titik, P , Q dan R , terletak pada satah mengufuk.



It is given that Q lies due north of P and the bearing of R from Q is 075° . Find the bearing of P from R .

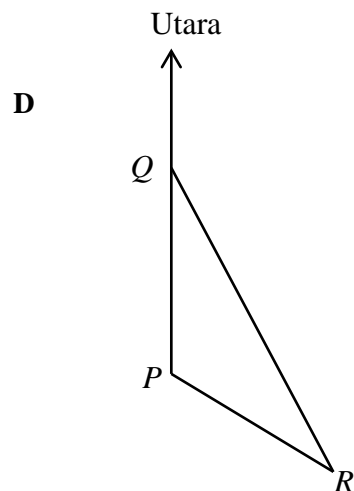
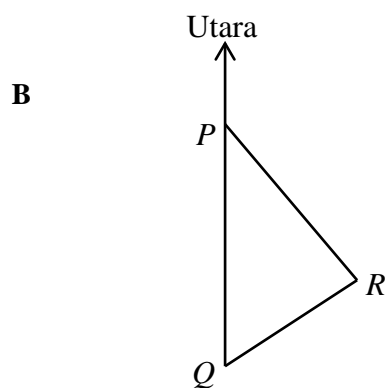
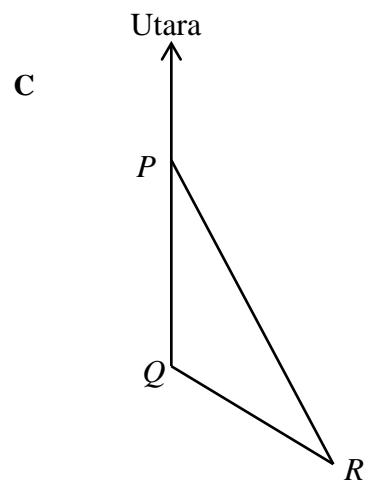
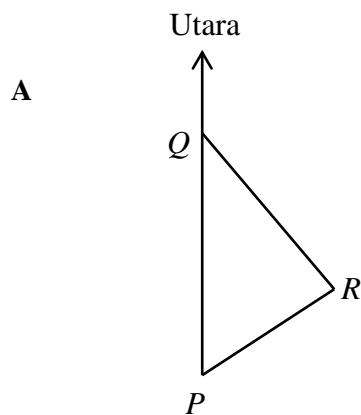
Diberi bahawa Q berada di utara P dan bearing R dari Q ialah 075° .

Cari bearing P dari R .

- A 049°
- B 101°
- C 229°
- D 281°

18. Points P , Q and R lie on a horizontal plane. P is due south of Q . The bearing of R from Q is 150° and the bearing of P from R is 300° . Which of the following diagrams shows the position of P , Q and R ?

Titik-titik P , Q , dan R terletak pada suatu satah mengufuk. P terletak ke selatan Q . Bearing R dari Q ialah 150° dan bearing P dari R ialah 300° . Antara rajah berikut, yang manakah menunjukkan kedudukan P , Q , dan R ?



19. $(2x + 3)(y - 1) + (x - 1)(y - 2) =$

A $3xy - 4y + 5$

B $3xy + 4y - 5$

C $3xy - 4x + 2y - 1$

D $3xy - 4x - 2y + 1$

20. Given $\frac{m}{3} = \frac{5m - 1}{\sqrt{k}}$, express k in term of m .

Diberi $\frac{m}{3} = \frac{5m - 1}{\sqrt{k}}$, ungkapkan k dalam sebutan m

A $\frac{3(5m - 1)^2}{m}$

B $\frac{3(5m^2 - 1)}{m^2}$

C $9\left(\frac{5m - 1}{m}\right)$

D $9\left(\frac{5m - 1}{m}\right)^2$

21. Express $\frac{4 + h}{h} \div \frac{2 - h}{h^2}$ as a single fraction in its simplest form.

Ungkapkan $\frac{4 + h}{h} \div \frac{2 - h}{h^2}$ sebagai satu pecahan tunggal dalam bentuk termudah

A $\frac{4h + h^2}{2 - h}$

B $\frac{4 + h^2}{2 - h}$

C $\frac{4 + 2h}{2 - h}$

D $\frac{4 + h}{2 - h}$

22. Given $\frac{5k - 2}{3} = 1 - k$, calculate the value of k .

Diberi $\frac{5k - 2}{3} = 1 - k$, hitung nilai k .

A $\frac{3}{2}$

B $\frac{5}{6}$

C $\frac{3}{4}$

D $\frac{5}{8}$

23. Simplify $(4p^{-1}q^{\frac{1}{2}})^2 \times \frac{p^2r^3}{r^9}$

Ringkaskan $(4p^{-1}q^{\frac{1}{2}})^2 \times \frac{p^2r^3}{r^9}$

A $\frac{4q}{r^3}$

B $\frac{16q}{r^6}$

C $\frac{4pq}{r^3}$

D $\frac{16pq^2}{r^6}$

24. List all the integers x that satisfy both inequalities $3x + 1 \geq 28$ and $\frac{3x}{4} < 9$.

Senaraikan semua integer x yang memuaskan kedua-dua ketaksamaan

$3x + 1 \geq 28$ dan $\frac{3x}{4} < 9$

A 9, 10

B 10, 11

C 9, 10, 11

D 10, 11, 12

25. Table 1 shows the number of goals scored by a soccer team in a certain number of matches.

Jadual 1 menunjukkan bilangan gol yang dijarangkan dalam suatu kejohanan bola sepak.

Number of goal <i>Bilangan gol</i>	0	1	2	3	4
Number of matches <i>Bilangan perlawanan</i>	m	2	6	2	1

Table 1 / Jadual 1

If the mean of the number of the goal scored is 2, find the value of m .

Jika min bagi bilangan gol ialah 2, cari nilai m .

- A 1
- B 2
- C 3
- D 4

26. Diagram 11 is a pictograph showing the number of four different types of houses built in housing estate.

Rajah 11 ialah piktograf yang menunjukkan bilangan empat jenis rumah berbeza yang dibina di suatu kawasan perumahan.

Single-storey Terrace <i>Rumah Teres Setingkat</i>	
Double-storey Terrace <i>Rumah Teres 2 Tingkat</i>	
Semi-Detached <i>Rumah Berkembar</i>	
Banglows <i>Banglo</i>	



Represent 10 houses [*Mewakili 10 unit rumah*]

Diagram 11 / *Rajah 11*

If the ratio of the number of single storey terrace houses to the number of Semi-detached terrace houses is 5:3, calculate the total number of houses built.

Jika nisbah bilangan rumah teres setingkat kepada rumah berkembar ialah 5:3, kira jumlah rumah yang dibina di taman itu.

- A 100
- B 114
- C 120
- D 124

27. Diagram 12 is a pie chart which shows the 120 students in four classes, 5 Gagah, 5 Perkasa, 5 Berani, and 5 Kuat.

Rajah 12 ialah carta pai yang menunjukkan 120 pelajar dalam empat kelas iaitu 5 Gagah, 5 Perkasa, 5 Berani, dan 5 Kuat.



Diagram 12 / *Rajah 12*

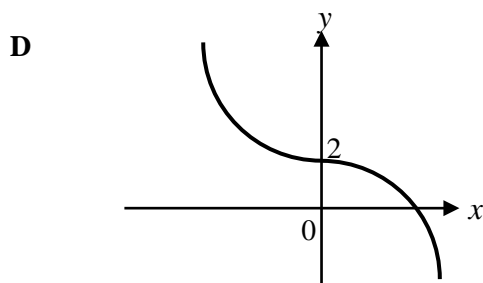
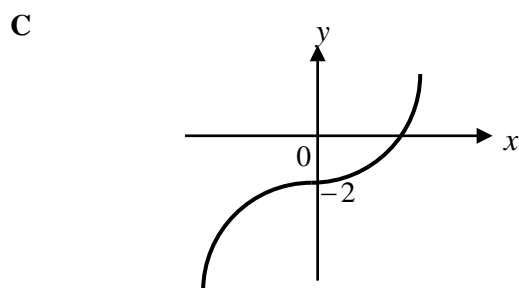
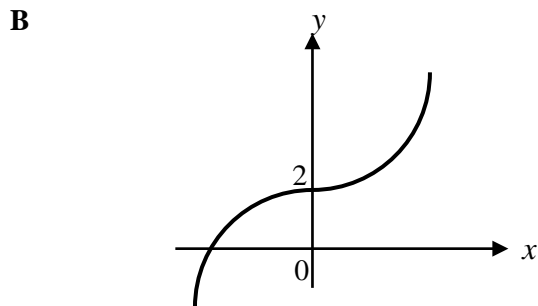
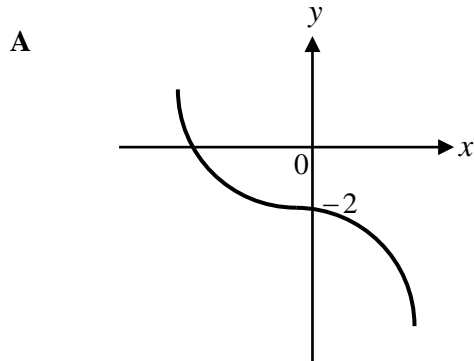
It is given that the number of 5 Gagah and the number of 5 Kuat are same.
Calculate the number of 5 Kuat.

*Diberi bahawa bilangan kelas 5 Gagah dan bilangan 5 Kuat adalah sama.
Hitungkan bilangan pelajar di dalam kelas 5 Kuat.*

- A 25
- B 27
- C 30
- D 33

28. Which of the following graphs represents $y = -3x^3 - 2$

Antara graf berikut, yang manakah mewakili $y = -3x^3 - 2$



29. It is given that the universal set $\xi = \{x : 4 \leq x \leq 16, x \text{ is an integer}\}$.
Set $P = \{5, 8, 12, 15\}$, set $Q = \{x : x \text{ is multiple of } 6\}$ and set $R = \{x : x \text{ is a factor of } 16\}$.
Find set $(P \cup Q)' \cap R$

[Diberi bahawa set semesta $\xi = \{x : 4 \leq x \leq 16, x \text{ ialah integer}\}$

Set $P = \{5, 8, 12, 15\}$, set $Q = \{x : x \text{ ialah gandaan } 6\}$ dan set $R = \{x : x \text{ ialah faktor bagi } 16\}$.

Carikan set $(P \cup Q)' \cap R$

- A { 4 }
- B { 4, 16 }
- C { 5, 8, 12, 15 }
- D { 4, 5, 8, 12, 15, 16 }

30. Diagram 13 is a Venn diagram showing the universal set $\xi = \{ \text{Form Five Student} \}$,
 Set $P = \{ \text{student who play badminton} \}$ and set $Q = \{ \text{student who play takraw} \}$ and
 $R = \{ \text{student who play ping pong} \}$

Rajah 13 ialah gambar rajah Venn yang menunjukkan set semesta, $\xi = \{ \text{Murid-murid Tingkatan Lima} \}$, Set $P = \{ \text{murid yang bermain badminton} \}$ dan set $Q = \{ \text{murid yang bermain takraw} \}$ dan $R = \{ \text{murid yang bermain ping pong} \}$

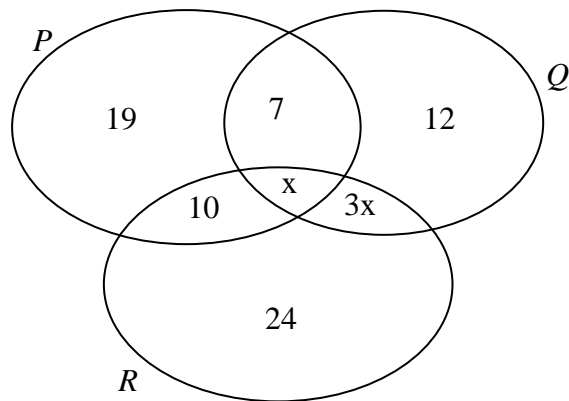


Diagram 13 / *Rajah 13*

Given $n(\xi) = 100$, find the number of students who play only two games

Diberi $n(\xi) = 100$, cari bilangan murid yang main hanya dua permainan sahaja.

- A 17
- B 38
- C 45
- D 55

31. The y-intercept of the straight line $6y - 3x - k = 0$ is 4. Find the value of k

Pintasan - y garis lurus $6y - 3x - k = 0$ ialah 4. Hitung nilai k

- A 6
- B 12
- C 18
- D 24

32. In Diagram 14, PQR is a triangle and the equation of the straight line PR is

$$2y - 3x + 8 = 0$$

Dalam Rajah 14, PQR adalah sebuah segi tiga dan persamaan garis lurus PR ialah

$$2y - 3x + 8 = 0$$

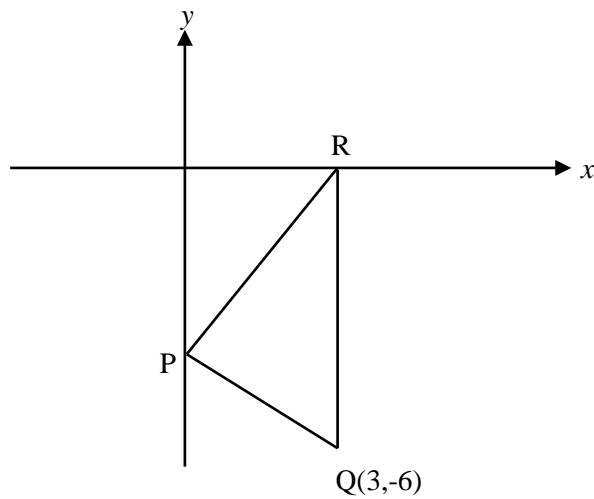


Diagram 14 / Rajah 14

The gradient of the straight line PQ is

Kecerunan garis lurus PQ ialah

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

33. Diagram 15 shows 9 cards which have been marked with a letter from the word 'KUADRATIK' and put in a container.

Rajah 15 menunjukkan 9 kad yang setiap satunya ditanda dengan satu huruf dari perkataan 'KUADRATIK' dan diletakkan dalam satu bekas.

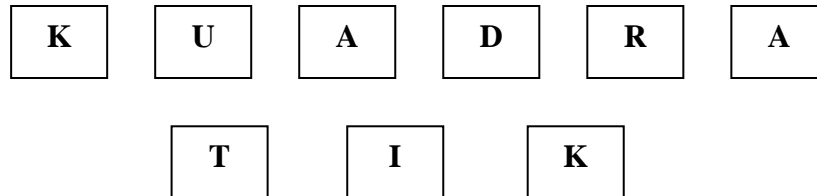


Diagram 15 / Rajah 15

A number of cards marked with letter 'A' will be further added into the container. If a card is taken at random from the container now, the probability to get a letter 'A' is $\frac{2}{3}$. What is the number of cards marked with letter 'A' put in the container?

Beberapa buah kad lagi yang bertanda huruf 'A' akan diletakkan ke dalam bekas itu. Jika sekeping di ambil secara rawak daripada bekas itu sekarang, kebarangkalian untuk mendapat huruf 'A' adalah $\frac{2}{3}$. Berapakah bilangan kad bertanda 'A' yang telah diletakkan didalam bekas?

- A 12
- B 13
- C 14
- D 15

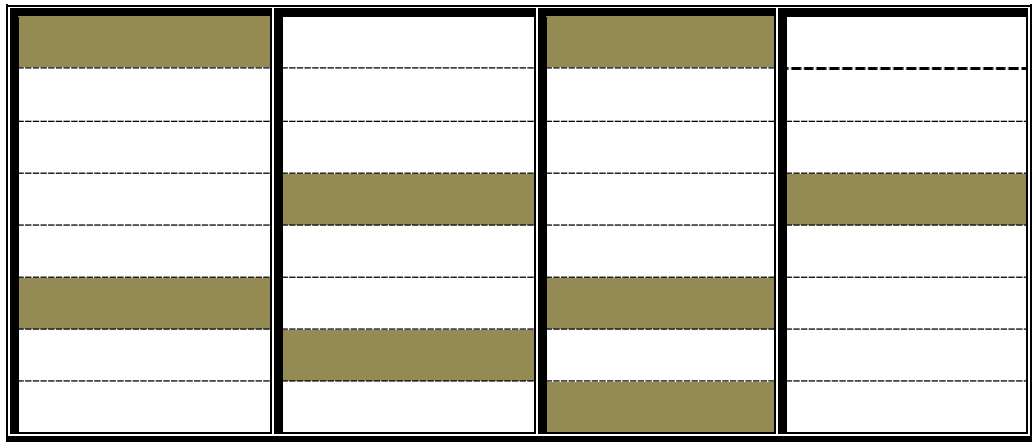
34. A box contains pens in several colours, red, blue and black. There are 14 black pens. If a pen is drawn at random from the box, the probability that it is red is $\frac{1}{4}$ and the probability that it is blue is $\frac{2}{5}$. Calculate the total of pens in the box.

Sebuah kotak mengandung pen berwarna merah, biru dan hitam. Bilangan pen berwarna hitam sebanyak 14 batang. Jika sebatang pen dipilih secara rawak daripada kotak itu, kebarangkalian pen berwarna merah $\frac{1}{4}$ dan kebarangkalian pen berwarna biru ialah $\frac{2}{5}$. Hitungkan jumlah bilangan pen dalam kotak itu

- A 10
- B 14
- C 16
- D 40

35. Diagram 16 shows 4 windows with some glass blades missing.

Rajah 16 menunjukkan 4 tingkap dengan beberapa bilah cermin telah tertanggal.



Missing glass blade / Bilah cermin tertanggal

Diagram 16 / Rajah 16

A ping pong ball is thrown at random towards the windows. Assume that each throw does not result in the ball being out of the window frame. What is the expected number of balls passing through the holes if 400 throws are made?

Sebiji bola ping pong dilontarkan secara rawak ke arah tingkap-tingkap itu. Setiap lontaran diandaikan tidak terkeluar daripada bingkai tingkap.

Apakah jangkakan bilangan bola ping pong yang akan melepasi kawasan berlubang jika lontaran dibuat 400 kali?

A $\frac{8}{32} \times 400$

B $\frac{32}{400} \times 8$

C $\frac{24}{32} \times 400$

D $\frac{8}{400} \times 32$

36. Given that the volume of cube, V varies inversely as cube of length, l and $l=2$ when $V=3$. Calculate the value of length, l when $V = \frac{1}{9}$.

Diberi bahawa isipadu kubus, V berubah secara songsang dengan kuasa tiga panjang, l dan $l=2$ apabila $V=3$. Hitung nilai l apabila $V = \frac{1}{9}$.

- A $\frac{1}{4}$
B $\frac{1}{2}$
C 3
D 6

37. It is given that P varies directly as the cube of x and inversely as the square root of y . The relation between P , x and y is $P = kx^m y^n$. State the value of m and of n .

Diberi bahawa P berubah secara langsung dengan kuasa tiga x dan secara songsang dengan punca kuasa dua y . Hubungan antara P , x dan y ialah $P = kx^m y^n$. Nyatakan nilai m dan nilai n .

- A $m = 3, n = -\frac{1}{2}$
B $m = 3, n = \frac{1}{2}$
C $m = \frac{1}{2}, n = 3$
D $m = \frac{-1}{2}, n = 3$

38. Table 2 shows some values of the variables x dan y

Jadual 2 menunjukkan beberapa nilai bagi pembolehubah x dan y .

x	2	8	n
y	4	m	16

Table 2 / *Jadual 2*

It is given that x varies directly as the square root of y . Calculate the value of $m + n$.

Diberi bahawa x berubah secara langsung dengan punca kuasa dua y . Hitung nilai bagi $m + n$.

- A 4
- B 16
- C 64
- D 68

39.
$$\begin{pmatrix} 4 & 6 \\ 3 & 1 \end{pmatrix} + 2 \begin{pmatrix} 5 & 2 \\ -2 & 3 \end{pmatrix} - \begin{pmatrix} -1 & -5 \\ 8 & 4 \end{pmatrix} =$$

- A $\begin{pmatrix} 10 & 3 \\ -7 & 0 \end{pmatrix}$
- B $\begin{pmatrix} 10 & 13 \\ -7 & 0 \end{pmatrix}$
- C $\begin{pmatrix} 15 & 15 \\ -9 & 3 \end{pmatrix}$
- D $\begin{pmatrix} 15 & 5 \\ -9 & 3 \end{pmatrix}$

40. Given $\begin{pmatrix} 4 & x \\ 3 & 2 \end{pmatrix} \begin{pmatrix} 4 \\ 1 \end{pmatrix} = \begin{pmatrix} 22 \\ y \end{pmatrix}$, calculate the value of x and y .

Diberi $\begin{pmatrix} 4 & x \\ 3 & 2 \end{pmatrix} \begin{pmatrix} 4 \\ 1 \end{pmatrix} = \begin{pmatrix} 22 \\ y \end{pmatrix}$, hitungkan nilai x dan y

A $x = -6, \quad y = 8$

B $x = 6, \quad y = 14$

C $x = -3, \quad y = 9$

D $x = 3, \quad y = 12$

KERTAS SOALAN TAMAT

PERATURAN PERMARKAHAN

BAHAN KECEMERLANGAN 9

SPM

MATEMATIK KERTAS 1

1	B	11	C	21	A	31	D
2	D	12	D	22	D	32	C
3	A	13	A	23	B	33	A
4	D	14	A	24	C	34	D
5	B	15	B	25	A	35	A
6	B	16	B	26	B	36	D
7	C	17	C	27	B	37	A
8	A	18	D	28	A	38	D
9	C	19	C	29	B	39	C
10	A	20	D	30	B	40	B