

1. Which of the following is the point of intersection of the straight lines $2x + y = 10$ and $3x - 2y = 1$?
Antara berikut, yang manakah ialah titik persilangan bagi garis lurus $2x + y = 10$ dan $3x - 2y = 1$?

- ☐ A $(-2, 5)$
☐ B $(2, 5)$
☐ C $(-3, 4)$
☐ D $(3, 4)$

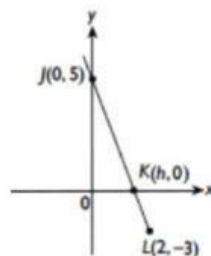
2. Given the straight line CD passes through the point $(3, 5)$ and is parallel to the straight line $3y = x - 4$.
The equation of CD is
Diberi garis lurus CD melalui titik $(3, 5)$ dan selari dengan garis lurus $3y = x - 4$.
Persamaan CD ialah

- ☐ A $3y = x + 12$
☐ B $y = 3x - 6$
☐ C $3y = -x - 18$
☐ D $3y = x - 6$

3. Find the y -intercept of the straight line $3x - 4y = 16$.
Cari pintasan- y bagi garis lurus $3x - 4y = 16$.

- ☐ A -3
☐ B -4
☐ C 3
☐ D 4

4. The diagram shows a straight line JKL .
Rajah di bawah menunjukkan garis lurus JKL .



Find the value of h .
Cari nilai h .

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

5. Given the equation of a straight line is $2y + x = 8$, find the x -intercept of the straight line.
Diberi persamaan satu garis lurus ialah $2y + x = 8$, cari pintasan- x garis lurus itu.

- ☐ A -8
☐ B -2
☐ C 2
☐ D 8

6. Find the equation of a straight line which is parallel to the straight line $y = -4x + 12$ and passes through point $P(0, 8)$.
Cari persamaan garis lurus yang selari dengan garis lurus $y = -4x + 12$ dan melalui titik $P(0, 8)$.

- ☐ A $y = -4x + 8$
☐ B $y = 4x + 8$
☐ C $y = -2x + 4$
☐ D $y = -2x - 4$

7. Which of the following points lies on the straight line $\frac{x}{2} + \frac{y}{3} = 1$?

Antara titik yang berikut, yang manakah terletak pada garis lurus $\frac{x}{2} + \frac{y}{3} = 1$?

- ☐ A (0, 2)
☐ B (1, 3)
☐ C (2, 0)
☐ D (3, 2)

8. Find the y-intercept of the straight line with equation $6y + 9x + 36 = 0$.
Cari pintasan-y bagi garis lurus dengan persamaan $6y + 9x + 36 = 0$.

- ☐ A 8
☐ B 6
☐ C -6
☐ D -8

9. Find the x-intercept of the straight line $4y - 3x = 12$.
Cari pintasan-x bagi garis lurus $4y - 3x = 12$.

- ☐ A -4
☐ B -3
☐ C 3
☐ D 4

10. Find the point of intersection of the straight lines $x = 4y + 26$ and $9y = -5x + 14$.
Cari titik persilangan antara garis lurus $x = 4y + 26$ dengan garis lurus $9y = -5x + 14$.

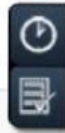
- ☐ A (-4, 10)
☐ B (-2, 8)
☐ C (2, -8)
☐ D (10, -4)

11. Find the x-intercept of the straight line with equation $6y + 9x + 36 = 0$.
Cari pintasan-x bagi garis lurus dengan persamaan $6y + 9x + 36 = 0$.

- ☐ A -4
☐ B -6
☐ C 4
☐ D 6

12. Determine the equation of a horizontal line passing through the point (7, 2).
Tentukan persamaan garis lurus mengufuk yang melalui titik (7, 2).

- ☐ A $y = 7$
☐ B $y = 2$
☐ C $x = 7$
☐ D $x = 2$



13.
$$\begin{aligned} x + 2y &= 3 \\ 3x + 4y &= 11 \end{aligned}$$

Which of the points is the point of intersection of the two straight lines?
Antara berikut, yang manakah ialah titik persilangan bagi dua garis lurus itu?

- ☐ A (5, -1)
☐ B (-1, 5)
☐ C (2, 6)
☐ D (2, -6)

14. State the value of the gradient, m in the equation $y = -x + 5$.
Nyatakan nilai kecerunan, m dalam persamaan $y = -x + 5$.

- ☐ A -1
☐ B 1
☐ C $-x$
☐ D x

15. Find the value of the y-intercept, c of the straight line $2y = -5x + 1$.
Cari nilai pintasan-y, c bagi garis lurus $2y = -5x + 1$.

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

16. State the value of the y-intercept, c in the equation $2y = -5x + 1$.
Nyatakan nilai pintasan-y, c dalam persamaan $2y = -5x + 1$.

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

17. Given the straight lines $4y + 8x = -3$ and $3y = kx + 3$ are parallel to each other. Find the value of k .
Diberi garis lurus $4y + 8x = -3$ dan $3y = kx + 3$ adalah selari antara satu sama lain. Cari nilai k .



- ☐ A -6
☐ B -3
☐ C -2
☐ D 3

18. Find the equation of the straight line which passes through the point $(-2, 3)$ and is parallel to the line $2x + 4y = 3$.
Cari persamaan garis lurus yang melalui titik $(-2, 3)$ dan selari dengan garis $2x + 4y = 3$.

- ☐ A $y = -\frac{1}{2}x + 2$
☐ B $y = -\frac{1}{2}x + 3$
☐ C $y = -\frac{1}{2}x + 3$
☐ D $y = \frac{1}{2}x + 3$

19. Which of the following is true about the gradient and the y-intercept of the straight line $2y + 4x = 12$?
Antara berikut, yang manakah benar tentang kecerunan dan pintasan-y bagi garis lurus $2y + 4x = 12$?

	Gradient Kecerunan	y-intercept Pintasan-y
A	-2	6
B	2	6
C	-4	12
D	4	12

- ☐ A
☐ B
☐ C
☐ D

20. Determine the equation of a straight line which has the gradient, $m = -\frac{4}{7}$ and y-intercept, $c = -\frac{1}{2}$.
Tentukan persamaan garis lurus yang mempunyai kecerunan, $m = -\frac{4}{7}$ dan pintasan-y, $c = -\frac{1}{2}$.

- ☐ A $14y = -8x - 7$
☐ B $14y = 8x - 7$
☐ C $7y = 4x - 2$
☐ D $7y = -4x - 2$