



Scan for the solutions

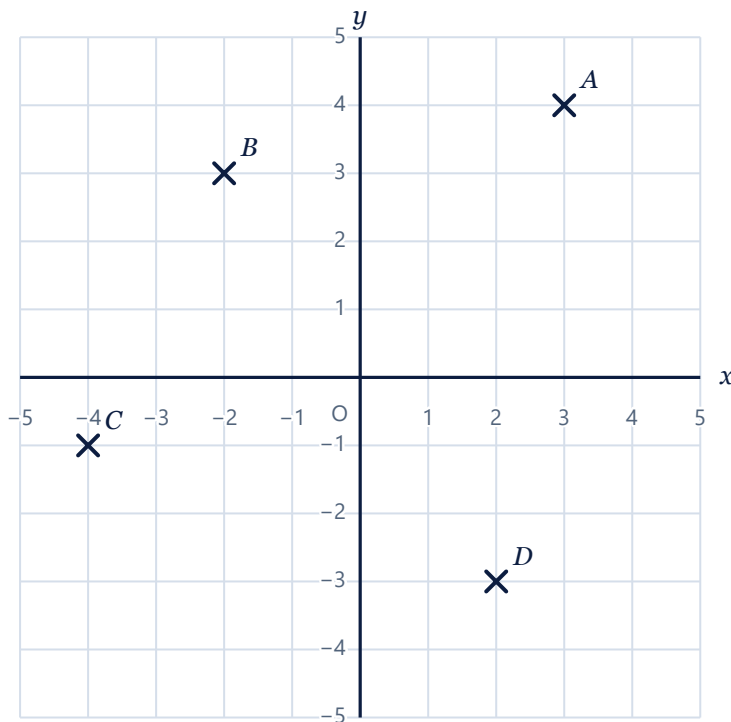
Name: _____

Date: _____

Score: _____ / 33

1 The points A, B, C and D are shown on the grid.

- Write down the coordinates of A and B.
- Write down the coordinates of C and D.



(2 marks)

Answer _____

2 O is the origin of a coordinate grid.

The point A is 4 units to the right of O and 2 units up from O.

The point B is 3 units to the left of O and 5 units up from O.

- Write down the coordinates of A.
- Write down the coordinates of B.

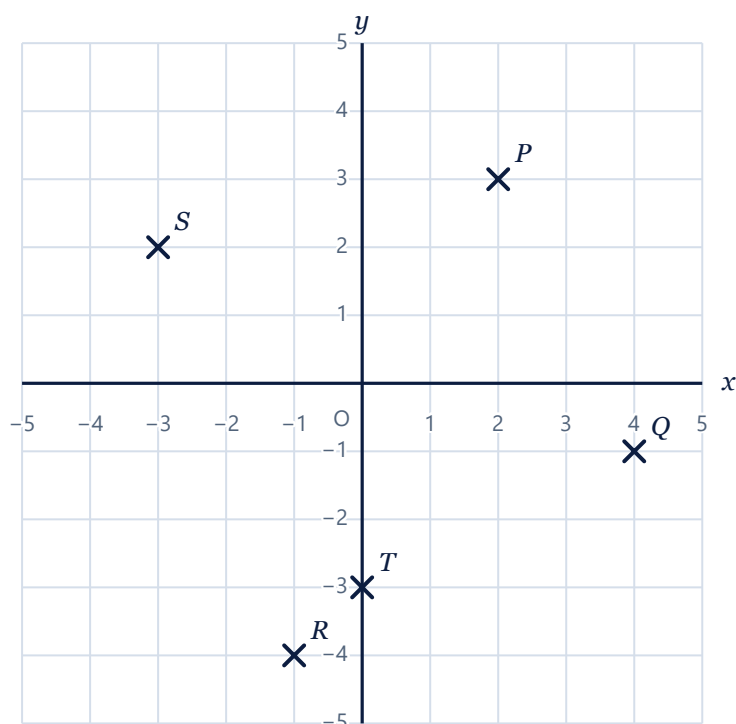
(2 marks)

Answer _____

- 3 Five points P, Q, R, S and T are marked on the grid.

Write down the letter of the point with coordinates

- a. $(-3, 2)$
- b. $(4, -1)$
- c. $(0, -3)$



(3 marks)

Answer _____

- 4 Here are five points.

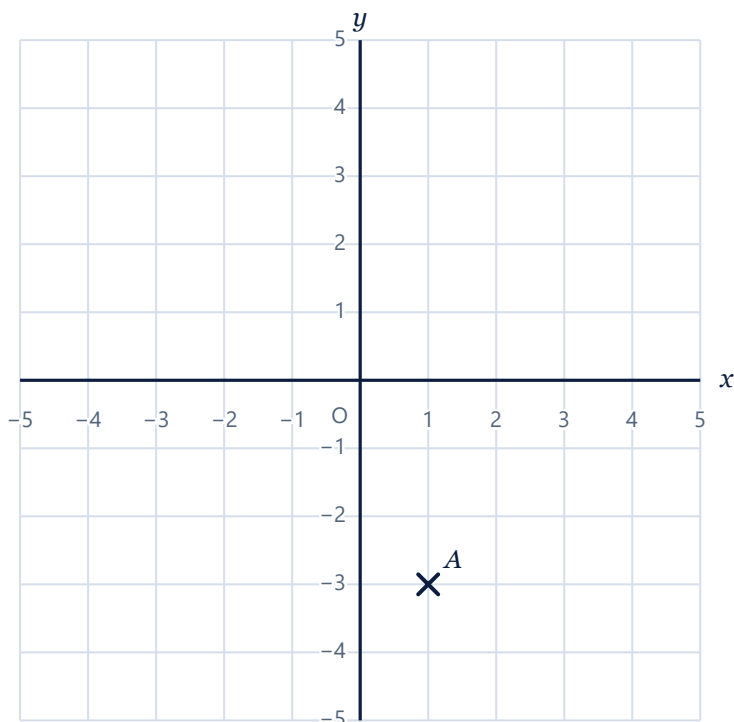
A $(0, 5)$ B $(-3, -2)$ C $(4, 0)$ D $(-1, 6)$ E $(2, -7)$

- a. Which point lies on the x -axis?
- b. Which point lies on the y -axis?
- c. Which point is below the x -axis and to the left of the y -axis?

(3 marks)

Answer _____

- 5 The point A is shown on the grid.
- Write down the coordinates of A.
 - On the grid, plot the point B with coordinates $(-2, 3)$.
 - On the grid, plot the point C with coordinates $(4, 0)$.



(3 marks)

Answer _____

- 6 A is the point with coordinates $(2, 4)$.
B is the point with coordinates $(8, 10)$.
Work out the coordinates of the midpoint of AB.

(2 marks)

Answer _____

- 7 C is the point with coordinates $(-6, 2)$.
D is the point with coordinates $(4, -8)$.
Work out the coordinates of the midpoint of CD.

(3 marks)

Answer _____

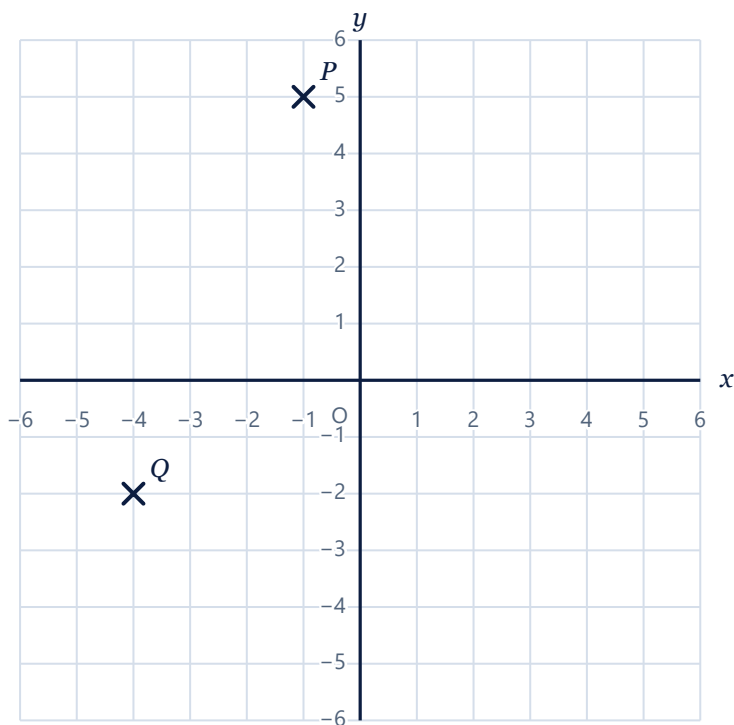
8

PQR is an isosceles triangle with $PQ = PR$.

P is the point $(-1, 5)$ and Q is the point $(-4, -2)$.

The side QR is horizontal.

Work out the coordinates of R.



(2 marks)

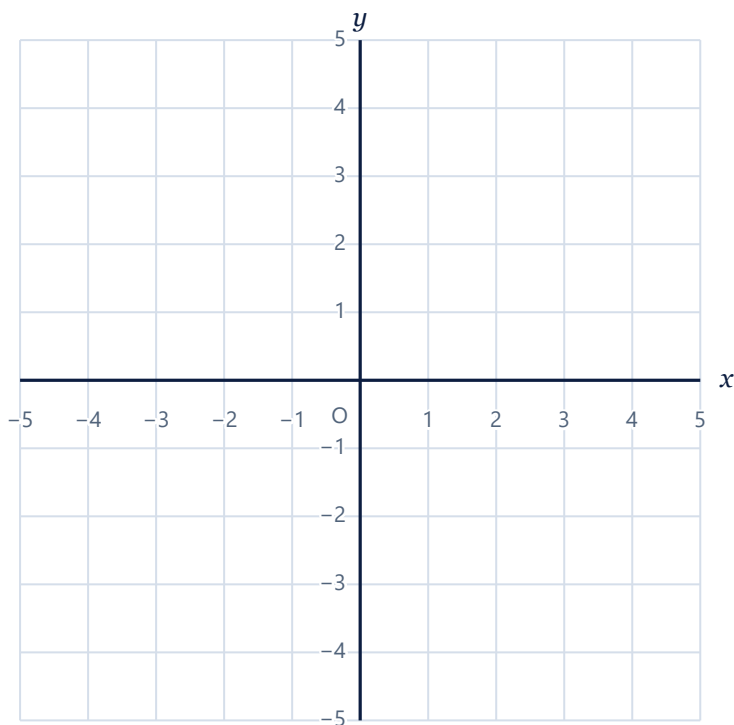
Answer _____

9 A, B and C are three vertices of a parallelogram ABCD.

A is $(-4, -1)$, B is $(1, -1)$ and C is $(3, 3)$.

a. On the grid, plot the points A, B and C.

b. Work out the coordinates of D.



(3 marks)

Answer _____

10 A is the point with coordinates $(1, 3)$.

M is the point with coordinates $(4, 5)$.

M is the midpoint of the line segment AB.

Find the coordinates of the point B.

(3 marks)

Answer _____

11

A treasure map is drawn on a coordinate grid.

The old oak tree is at $(-6, 3)$. The well is at $(2, -5)$.

The treasure is buried exactly halfway between the oak tree and the well.

- Work out the coordinates of the treasure.
- Tom starts at the oak tree. He walks 4 units right and then 7 units down. Is Tom standing on the treasure? You must show how you get your answer.

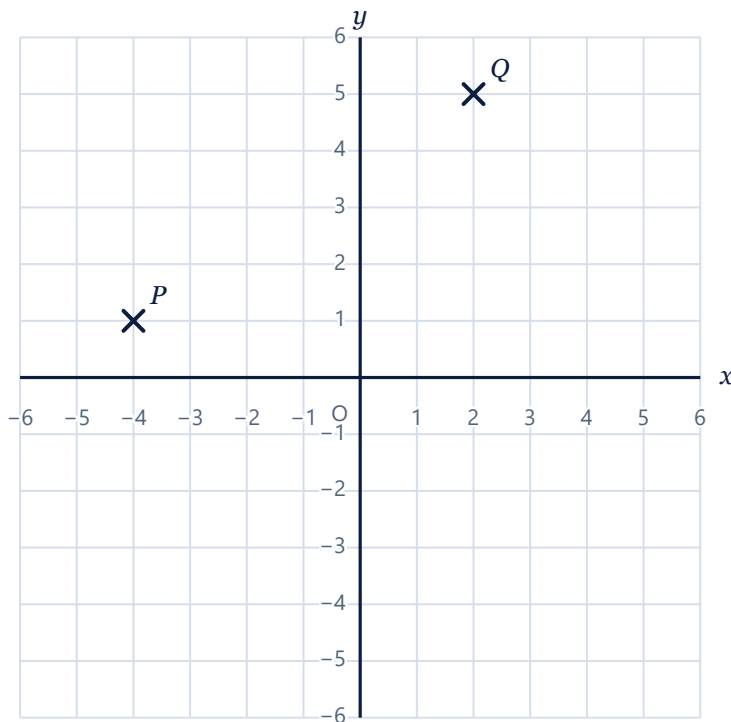
(3 marks)

Answer _____

12

The points P and Q are shown on the grid.

- Write down the coordinates of P.
- Write down the coordinates of Q.
- Work out the coordinates of the midpoint of PQ.
- On the grid, draw the line $y = -2$.



(4 marks)

Answer _____

End of questions | Total 33 marks