Name:

Exam Style Questions

Coordinates

Corbettmaths

Ensure you have: Pencil, pen, ruler, protractor, pair of compasses and eraser

You may use tracing paper if needed

Guidance

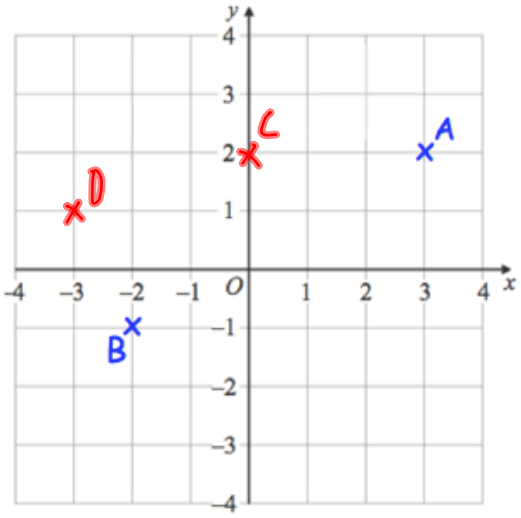
1. Read each question carefully before you begin answering it.
2. Don't spend too long on one question.
3. Attempt every question.
4. Check your answers seem right.
5. Always show your workings

Revision for this topic

www.corbettmaths.com/contents

Video 84
Video 85
Video 87

1.



(a) Write down the coordinates of the point A.

(3 , 2)

(1)

(b) Write down the coordinates of the point B.

(-2 , -1)

(1)

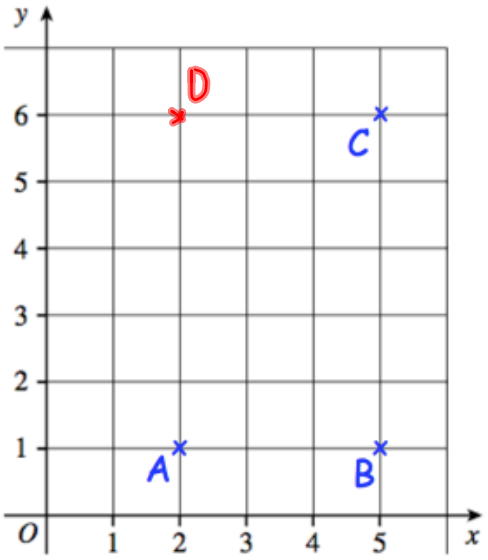
(c) Plot the point (0, 2). Label the point C.

(1)

(d) Plot the point (-3, 1). Label the point D.

(1)

2. Three points are shown on the grid.



(a) Write down the coordinates of C.

(5 , 6)

(1)

ABCD is a rectangle.

(b) Plot the point D.

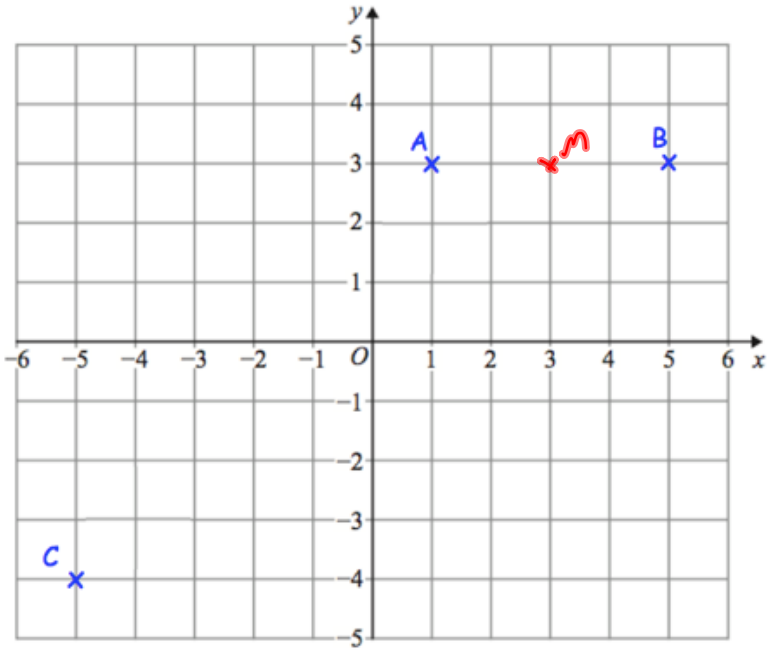
(1)

(c) Write down the coordinates of D.

(2 , 6)

(1)

3.



(a) Write down the coordinates of A.

(1, 3)

(1)

(b) Write down the coordinates of C.

(-5, -4)

(1)

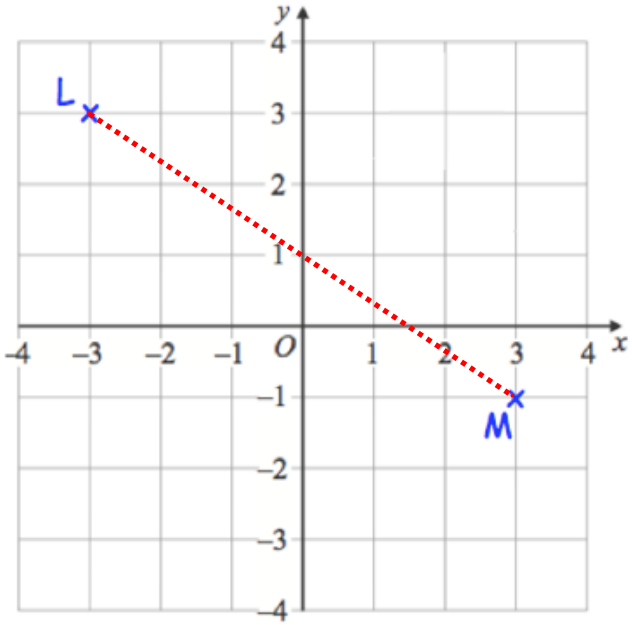
M is the midpoint of the line from A to B.

(c) Write down the coordinates of M.

(3, 3)

(1)

4.



(a) Write down the coordinates of L.

(-3 , 3)

(1)

(b) Write down the coordinates of M.

(3 , -1)

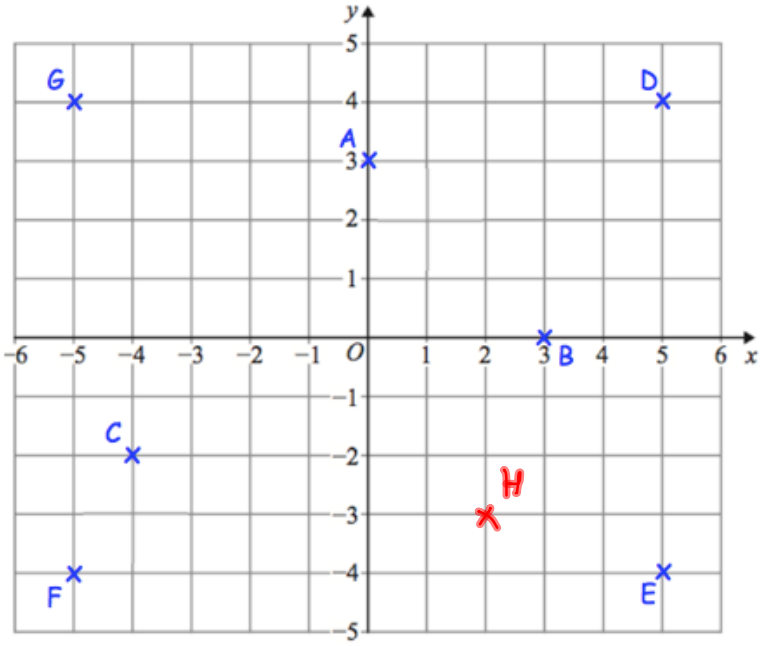
(1)

(c) Find the coordinates of the midpoint of LM.

(0 , 1)

(2)

5.



(a) Which point has coordinates (3, 0)?

B

.....

(1)

(b) Which point has coordinates (-5, 4)?

G

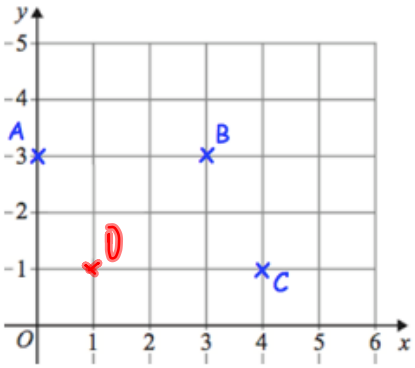
.....

(1)

(c) Plot the point (2, -3). Label the point H.

(1)

6.



ABCD is a parallelogram.
Complete the parallelogram and write down the coordinates of D.

(1 , 1)

(2)

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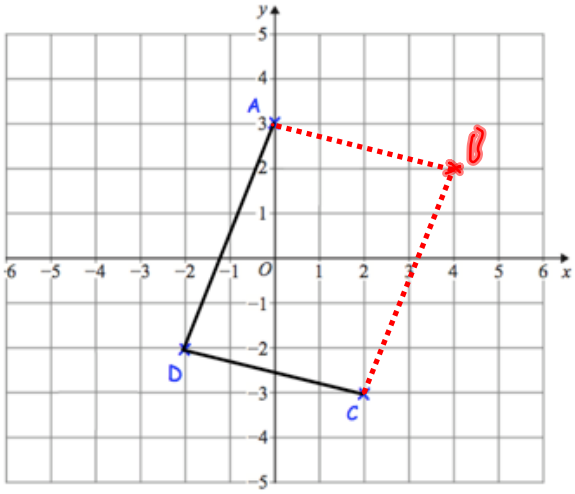
7. The points A (0, 3), C (2, -3) and D (-2, -2) are shown.

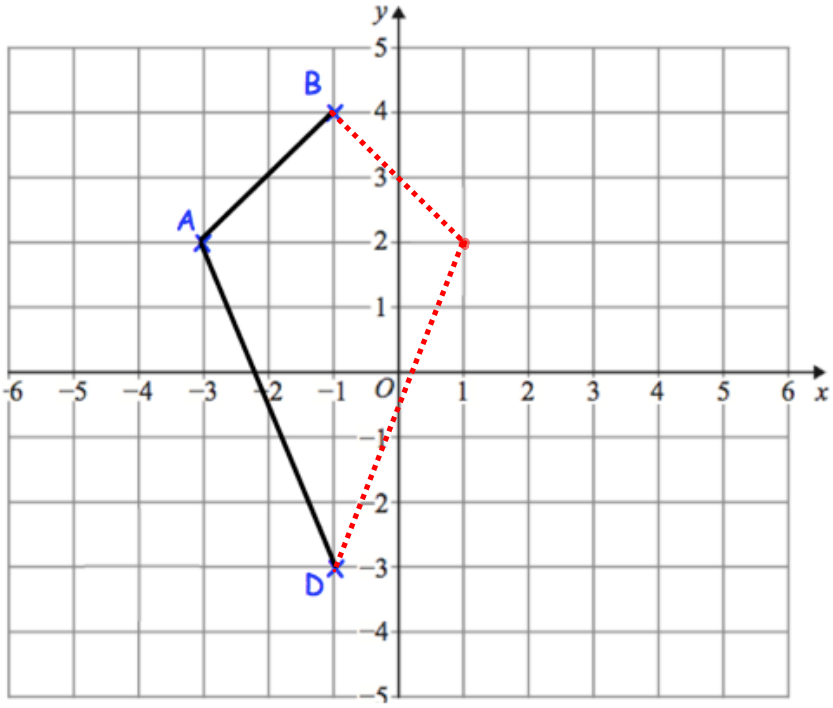


ABCD is a parallelogram.
Complete the parallelogram and write down the coordinates of B.

(4 , 2)

(2)

8. The points A (-3, 2), B (-1, 4) and D (-1, -3).

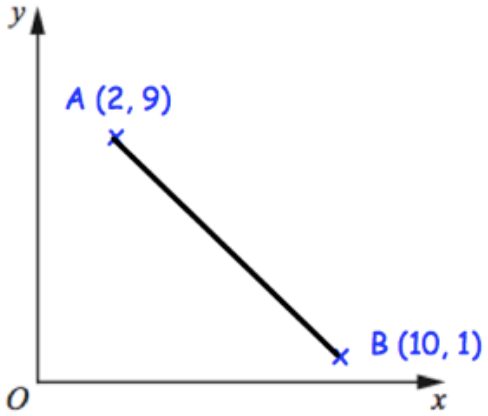


ABCD is a kite.
Complete the kite and write down the coordinates of C.

(1 , 2)

(2)

9.



A is the point with coordinates (2, 9).
B is the point with coordinates (10, 1).

Work out the coordinates of the midpoint of the line AB.

$\frac{2+10}{2} = 6$ $\frac{9+1}{2} = 5$

(6 , 5)

(2)