Primary Practice Questions

Coordinates

Tips
• Read each question carefully
• Attempt every question.
• Check your answers seem right.
• Always show your workings

Recap

Remember
• There are daily questions found at
  www.corbettmathsprimary.com/5-a-day/

© Corbettmaths 2018
1. A is the point (5, 3)  
   B is the point (0, 2)

Plot the points A and B on the grid

2. The points A and B are shown on the grid.

Write the coordinates of point A

( , )

Write the coordinates of point B

( , )
3. The points A and B are shown on the grid.

Write the coordinates of point A

Write the coordinates of point B

4. A is the point (2, −3)
   B is the point (−4, 1)
   
   Plot the points A and B on the grid
5. **A, B, C and D** are the vertices of a rectangle.

![Diagram of a rectangle with vertices labeled A, B, C, and D.]

**Write the coordinates of point D**

( , )

6. **A, B and C** are the vertices of an isosceles triangle.

![Diagram of an isosceles triangle with vertices labeled A, B, and C.]

**Write the coordinates of point C**

( , )
7. **A**, **B**, **C** and **D** are the vertices of a kite.

![Diagram of a kite with vertices A, B, C, and D]

Write the coordinates of point **C**

\[( , )\]

8. The vertices of a quadrilateral have these coordinates.

\[(3, -2) \quad (1, -2) \quad (3, 1) \quad (-1, 1)\]

![Diagram of a quadrilateral with vertices at (3, -2), (1, -2), (3, 1), and (-1, 1)]

Complete the quadrilateral
9. Here is one side of a square drawn on a coordinate grid.

The square has a vertex at \((3, 4)\)

Draw the other three sides of the square on the grid

10. Here is a square on coordinate axes

Not to scale

Write the coordinates of points \(A\) and \(B\)

\[A = (\quad , \quad)\]

\[B = (\quad , \quad)\]
11. The diagram shows two identical squares.

Write the coordinates of points A and B

A = ( , )
B = ( , )

12. The diagram shows a square on coordinate axes.

Write the coordinates of point B

( , )
13. In this diagram $M$ is an equal distance from $A$ and $B$.

What are the coordinates of $M$?

$(\ , \ )$
14. Here are two identical triangles.

Write the coordinates of points $A$ and $B$

$A = (\ , \ )$

$B = (\ , \ )$
15. In this diagram $M$ is an equal distance from $P$ and $Q$

What are the coordinates of $Q$?

( , )