

# Miss Philpott's Maths Homework

Set: 11.01.19

Due 16.01.19

Vocabulary – Please copy the words below into your book and write their definitions (you may use a dictionary and give examples!)

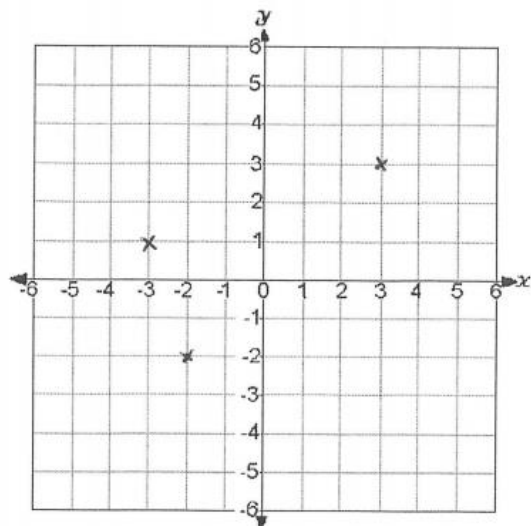
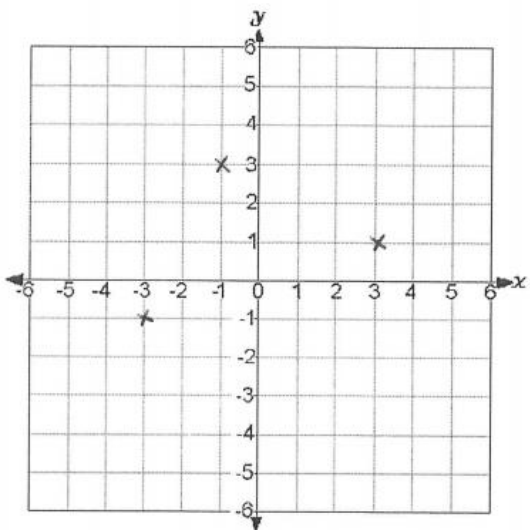
- Quadrant
- Coordinates
- Axis
- Plot
- Label

Top tip:  
 Label the coordinates  
 Join the coordinates  
 Extend line, plot and label new coordinate

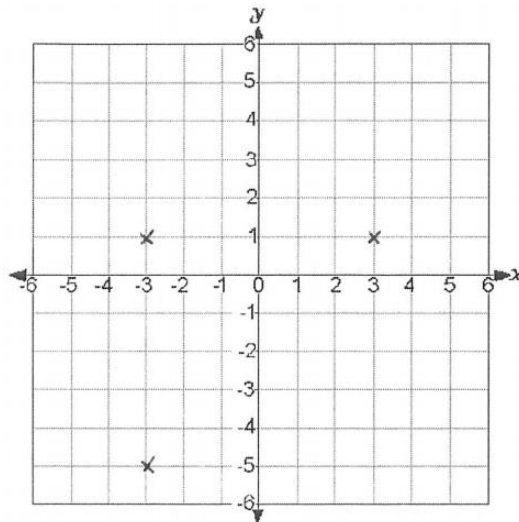
## Main Objective: To be able to plot missing coordinates

To make a square the missing coordinate is:

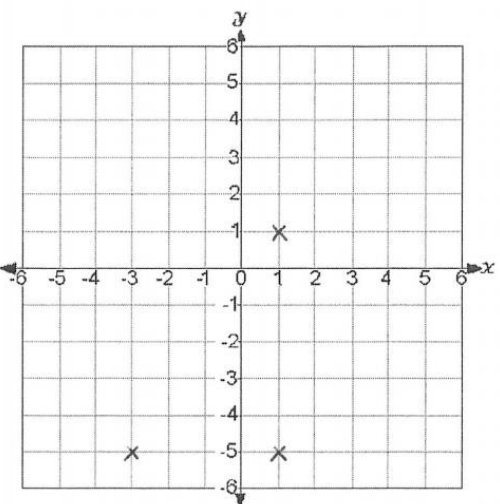
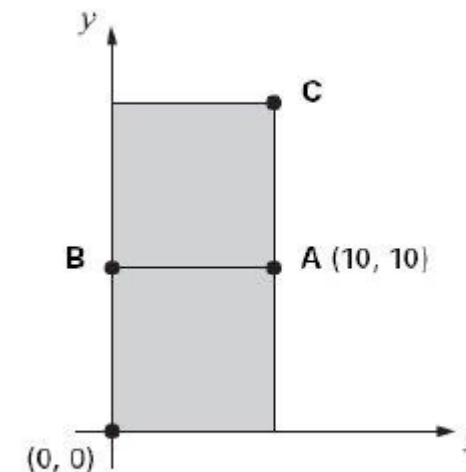
To make a rectangle the missing coordinate is:



This shape is a \_\_\_\_\_



The diagram shows two identical squares.



This shape is a \_\_\_\_\_

### Reasoning problems using coordinates

A, B, C and D are the vertices of a rectangle.

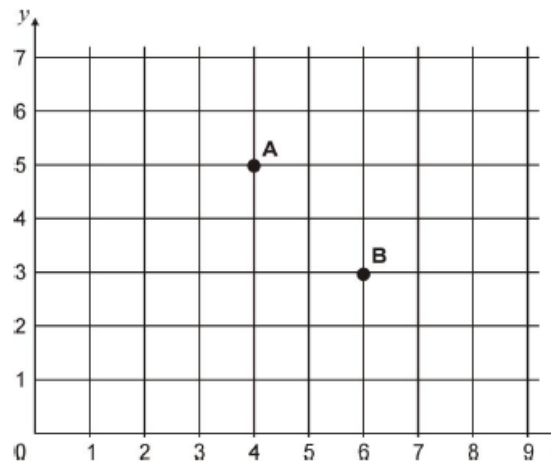
A and B are shown on the grid.

D is the point (3, 4)

Write the coordinates of point C.

(      ,      )

1 mark



A is the point (10, 10)

What are the coordinates of B and C?

B is (      ,      )

1 mark

C is (      ,      )

