

Co-ordinates

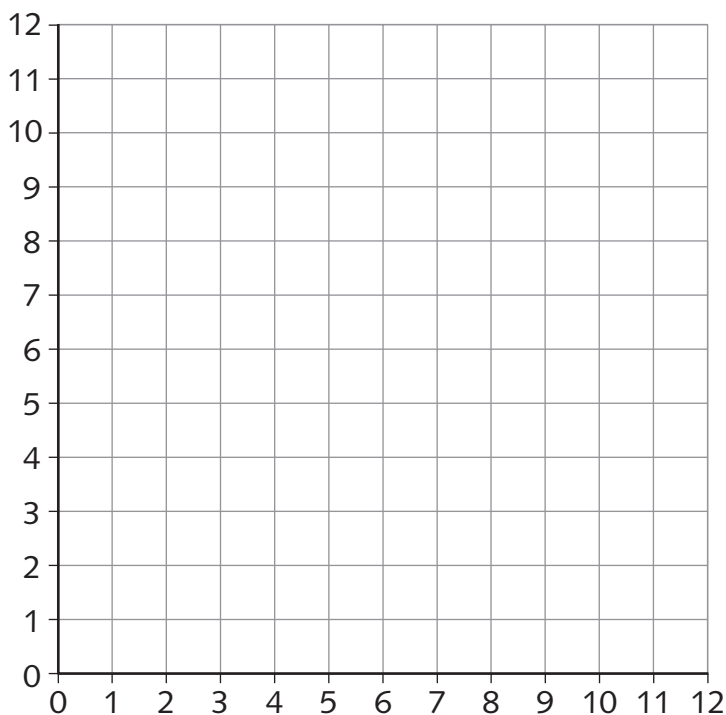
Challenge 1

1 a) What is the co-ordinate of the point midway between (2, 4) and (2, 10)? _____

b) What is the co-ordinate of the point midway between (4, 5) and (10, 11)? _____

2 a) Plot these co-ordinates on the grid below.

(3, 5) (4, 9) (5, 5) (6, 9)



b) What shape do they make? _____



2 marks



1 mark



1 mark

Marks..... /4

Challenge 2

1 Fill in the missing co-ordinates so that each set will make a rectangle.

a) (2, 2) (7, 4) (7, 2) (_____, _____)

b) (6, 5) (6, 1) (4, 1) (_____, _____)

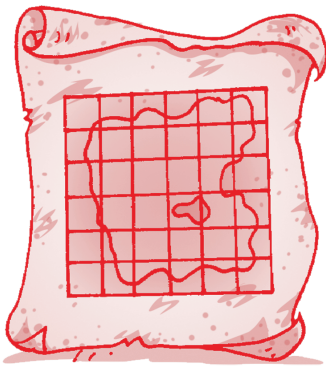


2 marks

Co-ordinates

2 Some treasure is hidden at the point of the missing vertex of this square: (1, 5) (4, 5) (1, 8). What is the co-ordinate of the treasure?

(_____, _____)



1 mark

Marks..... /3

Challenge 3

1 Write the co-ordinate that is needed to make each set into a rhombus.

a) (10, 9) (5, 6) (6, 10) (_____, _____)

b) (5, 4) (3, 8) (5, 12) (_____, _____)

c) (12, 18) (15, 16) (12, 14) (_____, _____)

2 What is the perimeter of a rectangle positioned at (7, 6) (3, 6) (3, 8) (7, 8) on a 1 cm² grid?

_____ cm



3 marks



1 mark

Marks..... /4

Total marks /11

How am I doing?

