MATHS • GEOMETRY • YEAR 6

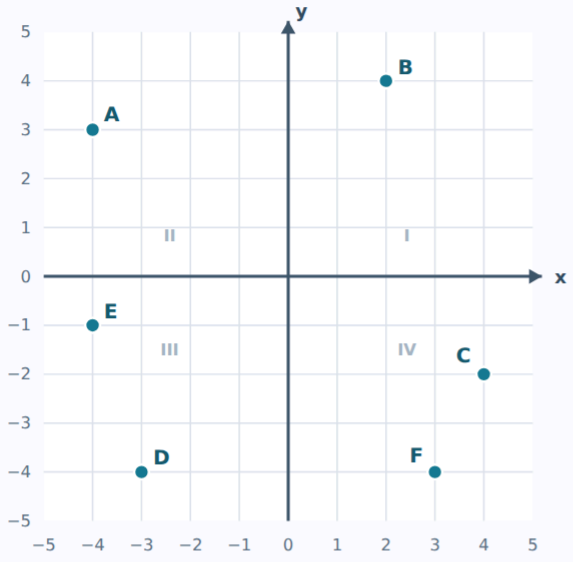
Coordinates in Four Quadrants

Read, plot and describe points on a coordinate grid.

Name _____ **Date** _____

1 Read the coordinates

Read x first, then y.



Each grid square represents 1 unit.

Write the coordinates of each labelled point as (x, y).

A (_____ , _____)

B (_____ , _____)

C (_____ , _____)

D (_____ , _____)

E (_____ , _____)

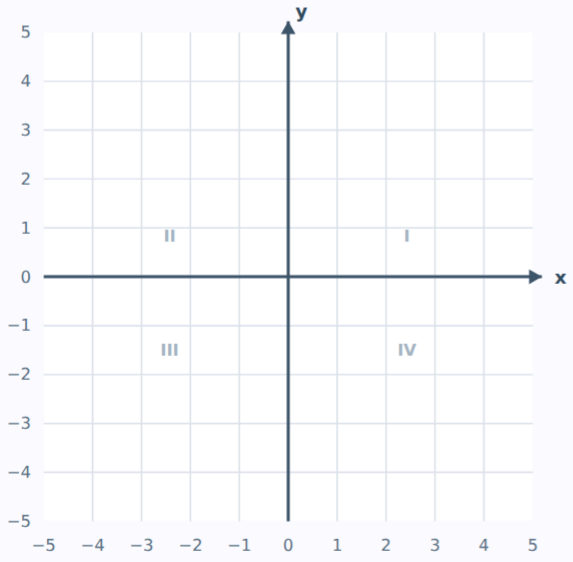
F (_____ , _____)

Circle the points in quadrant III.

Which labelled point is in quadrant I? _____

2 Plot and join the points

Use the blank grid.



Each grid square represents 1 unit.

Plot and label these points:

P (−4, 2)	**Q (−1, 4)**
R (3, 3)	**S (4, −1)**
T (1, −4)	**U (−3, −3)**

Join P → Q → R → S → T → U → P with straight lines.

Also plot **V** at (−2, −1). Do not join V.

V is in quadrant _____.

How many sides does your joined shape have? _____

3 Quadrant clues

In quadrant II, x is _____ and y is _____.

In quadrant IV, x is _____ and y is _____.

Coordinates are written in the order (x, y).