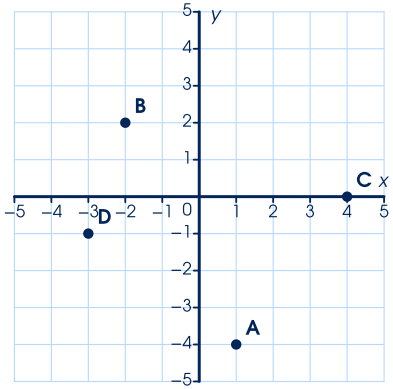
GCSE FOUNDATION · REVISION MAT 3

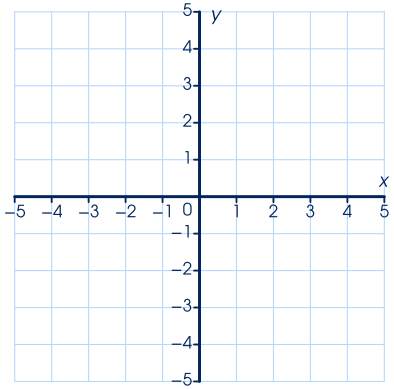
Coordinates

1 Write down the coordinates of the points **A**, **B**, **C** and **D**.



2 On the grid, plot and label the points

P(–2, –3), Q(3, 1), R(0, 2)



3 Gita says,

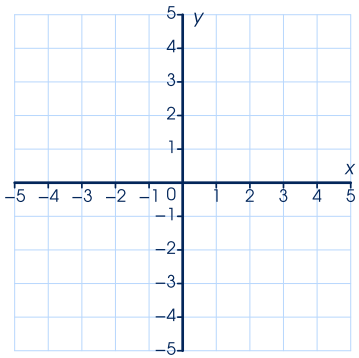
"To plot (2, –4), you go 4 down and then 2 right."

Explain the mistake Gita has made.

4 Show that the midpoint of (3, –5) and (–1, 1) is (1, –2)

5 (–4, 2), (0, 2) and (0, –2) are three corners of a square.

Find the coordinates of the fourth corner.



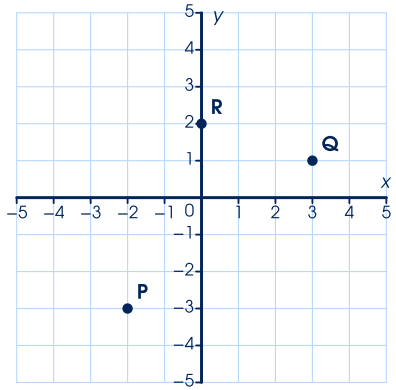
6 **M** is the midpoint of the line **AB**.

A is (3, –1) and M is (6, 2).

Find the coordinates of B.

1 A **(1, –4)**
B **(–2, 2)**
C **(4, 0)**
D **(–3, –1)**

2



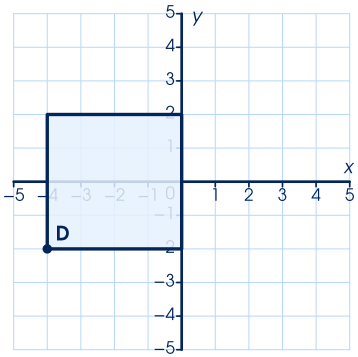
3 The *x*-coordinate comes first:
go **2 right** (along), then **4 down**.

ANSWERS · REVISION MAT 3

Coordinates

4 (3 + –1) ÷ 2 = 1
(–5 + 1) ÷ 2 = –2 ✓

5



(–4, –2)

6 From A to M: +3 across, +3 up

B is the same again from M: **(9, 5)**

Mr&Mrs MATHS