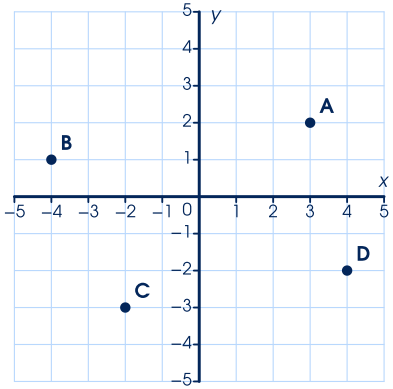
GCSE FOUNDATION · REVISION MAT 1

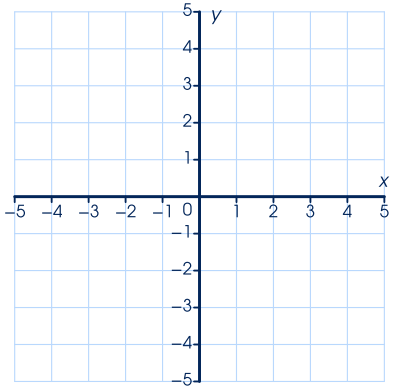
Coordinates

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



2 On the grid, plot and label the points

P(−3, 2), Q(4, −1), R(0, −4)



3 Ella says,

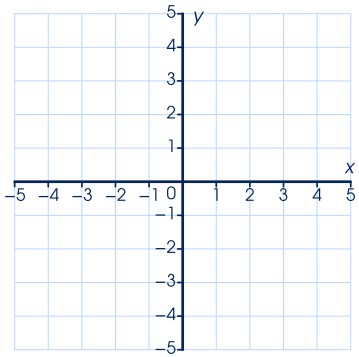
"To plot (4, −2), you go 2 down and then 4 right."

Explain the mistake Ella has made.

4 Show that the midpoint of (2, 3) and (8, 7) is (5, 5)

5 (−3, 1), (1, 1) and (1, −3) are three corners of a square.

Find the coordinates of the fourth corner.



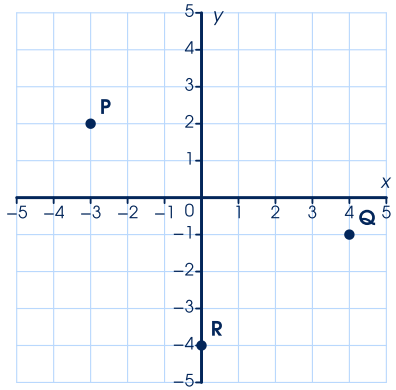
6 **M** is the midpoint of the line **AB**.

A is (1, 4) and M is (5, 7).

Find the coordinates of B.

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

2



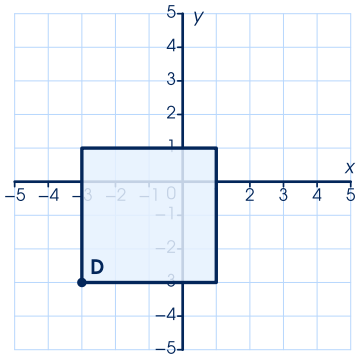
3 The *x*-coordinate comes first: go **4 right** (along), then **2 down**.

ANSWERS · REVISION MAT 1

Coordinates

4 (2 + 8) ÷ 2 = 5
(3 + 7) ÷ 2 = 5 ✓

5



(–3, –3)

6 From A to M: +4 across, +3 up

B is the same again from M: **(9, 10)**