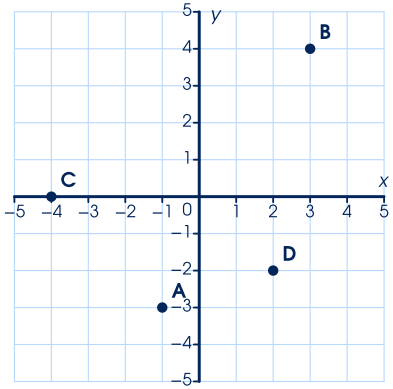
GCSE FOUNDATION · REVISION MAT 4

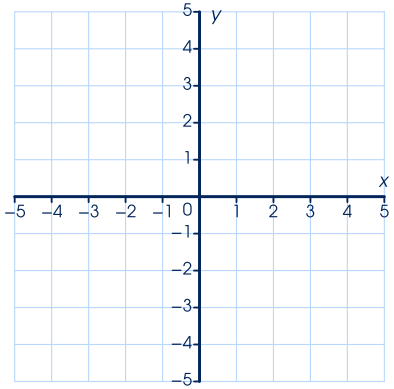
# Coordinates

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




**2** On the grid, plot and label the points

P(4, 2), Q(–3, –3), R(2, 0)




**3** Hugo says,

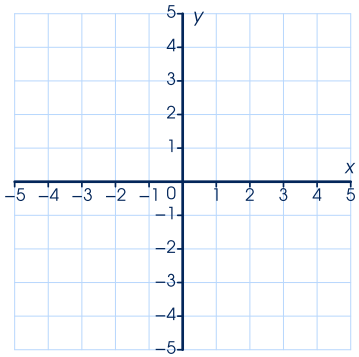
"To plot (–5, 1), you go 1 up and then 5 left."

Explain the mistake Hugo has made.

**4** Show that the midpoint of (–4, –2) and (6, 4) is (1, 1)

**5** (–1, –4), (4, –4) and (4, 1) are three corners of a square.

Find the coordinates of the fourth corner.




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

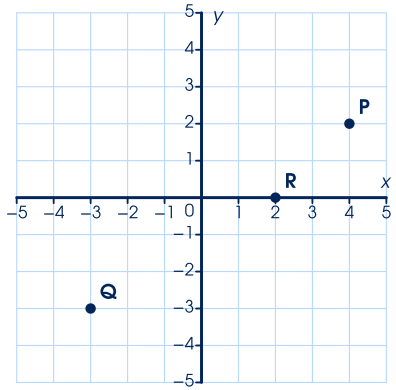
A is (–5, 0) and M is (–1, 4).

Find the coordinates of B.

Mr&Mrs MATHS

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

**2**



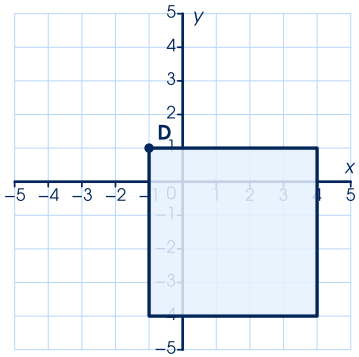

**3** The *x*-coordinate comes first: go **5 left** (along), then **1 up**.

ANSWERS · REVISION MAT 4

# Coordinates

**4** (–4 + 6) ÷ 2 = 1
(–2 + 4) ÷ 2 = 1 ✓

**5**




**(–1, 1)**

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

B is the same again from M: **(3, 8)**