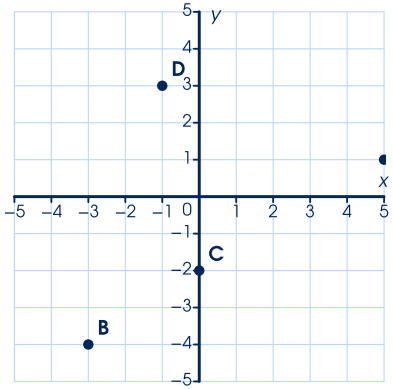
GCSE FOUNDATION · REVISION MAT 5

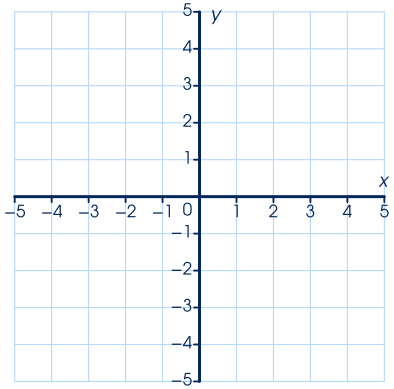
# Coordinates

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




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

P(–4, 1), Q(1, –3), R(0, 4)




**3** Iris says,

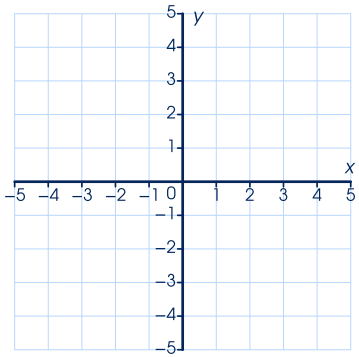
"To plot (–2, –3), you go 3 down and then 2 left."

Explain the mistake Iris has made.

**4** Show that the midpoint of (0, 7) and (8, –3) is (4, 2)

**5** (–3, –2), (2, –2) and (2, 3) are three corners of a square.

Find the coordinates of the fourth corner.



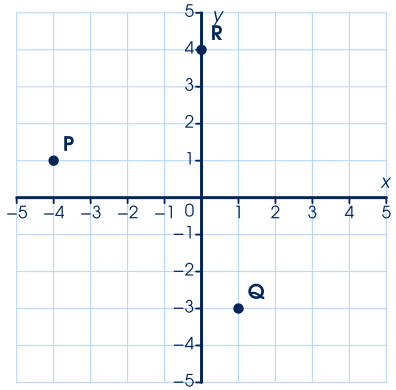

**6** **M** is the midpoint of the line **AB**.

A is (2, 6) and M is (5, 2).

Find the coordinates of B.

**1** A **(5, 1)**
B **(–3, –4)**
C **(0, –2)**
D **(–1, 3)**

**2**



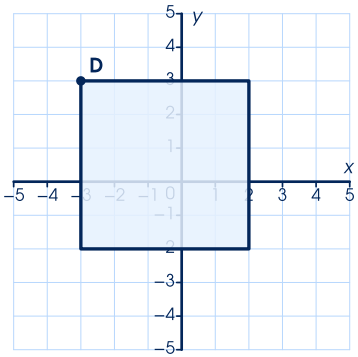

**3** The *x*-coordinate comes first:
go **2 left** (along), then **3 down**.

ANSWERS · REVISION MAT 5

# Coordinates

**4** (0 + 8) ÷ 2 = 4
(7 + –3) ÷ 2 = 2 ✓

**5**




**(–3, 3)**

**6** From A to M: +3 across, –4 up

B is the same again from M: **(8, –2)**

Mr&Mrs MATHS