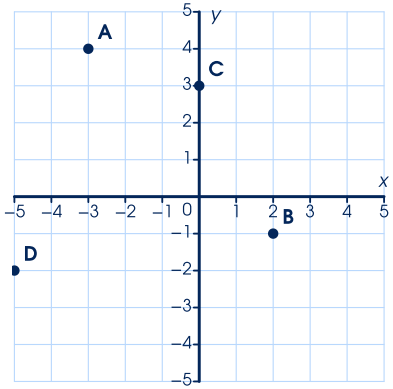
GCSE FOUNDATION · REVISION MAT 2

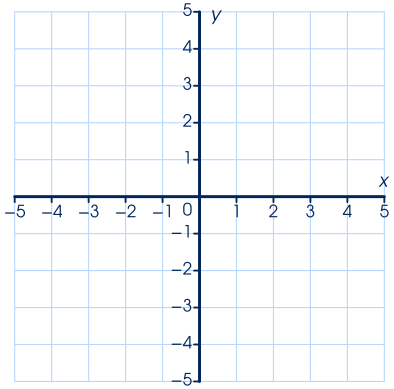
# Coordinates

**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(−4, −2), R(−1, 0)




**3** Finn says,

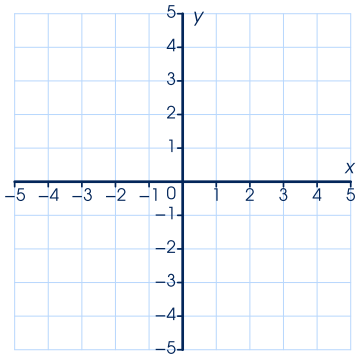
"To plot (−3, 5), you go 5 up and then 3 left."

Explain the mistake Finn has made.

**4** Show that the midpoint of (−1, 4) and (5, −2) is (2, 1)

**5** (−2, −1), (3, −1) and (3, 3) are three corners of a rectangle.

Find the coordinates of the fourth corner.




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

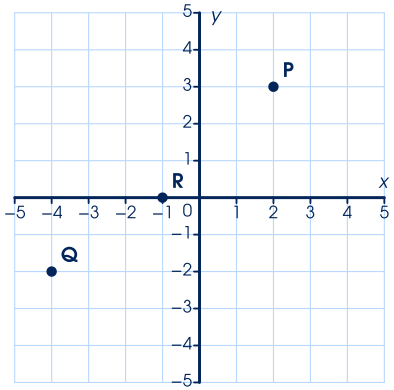
A is (−2, 3) and M is (2, 1).

Find the coordinates of B.

Mr&Mrs MATHS

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

**2**



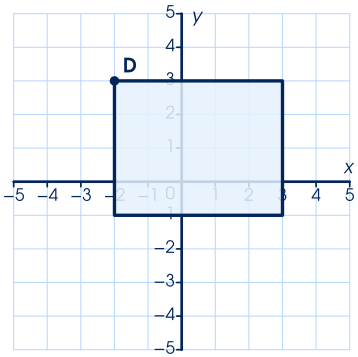

**3** The *x*-coordinate comes first: go **3 left** (along), then **5 up**.

ANSWERS · REVISION MAT 2

# Coordinates

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

**5**




**(–2, 3)**

**6** From A to M: +4 across, –2 up

B is the same again from M: **(6, –1)**