

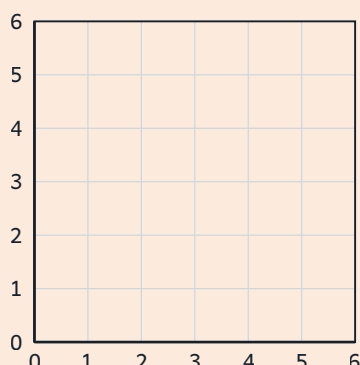
Directions and routes (left/right, forwards/back, N/S/E/W)

MODULE 8 · SYMMETRY, LOCATION AND TRANSFORMATION

SHAPE & SPACE

TRY IT ON THE LINE

Use the grid to find and name positions.



1. Mark the points the lesson gives, reading across then up.
2. Write the position of each marked point as (across, up).
3. Hide a shape and write the squares it covers.

PRACTICE

- 1 At the school summer fair, a spin-the-wheel prize map is drawn on a grid. The kite prize sits **4** squares across and **6** squares up from the corner. Write the kite's position as (across, up).

- 2 Cian is drawing a treasure map of the corner shop on grid paper for his copybook. He marks the gumball machine **3** squares across and **8** squares up from the corner of the grid. Write the position of the gumball machine as (across, up).

On a grid, the kite is 3 squares across and 8 squares up. Write its position as (across, up).

CHALLENGE

- 1 Cian draws a treasure map on squared paper for a class game. He marks a kite shape that sits **3** squares across and **8** squares up from the corner. Write the kite's position as (across, up).

On a grid, the kite is 3 squares across and 8 squares up. Write its position as (across, up).

- 2 In the after-school crafts club, Aoife sketches her kite design on a grid. The tip of the kite is **10** squares across and **6** squares up. Write the position of the kite tip as (across, up).

On a grid, the boat is 10 squares across and 6 squares up. Write its position as (across, up).