



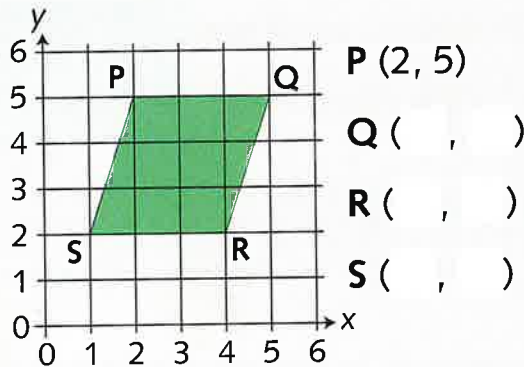
Coordinates of shapes

Use coordinates to describe the position of a point on a grid in the first quadrant

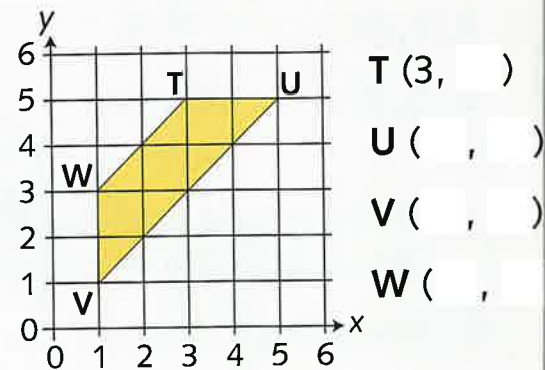
Challenge 1

Write the coordinates of:

a parallelogram PQRS



b trapezium TUVW



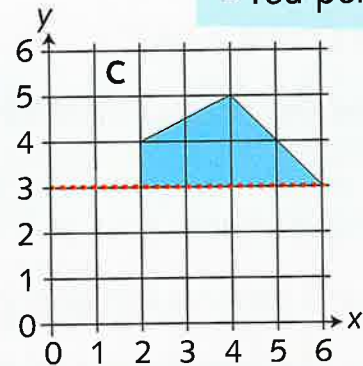
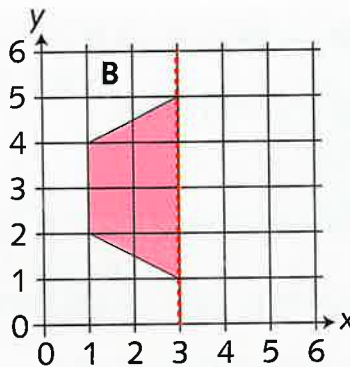
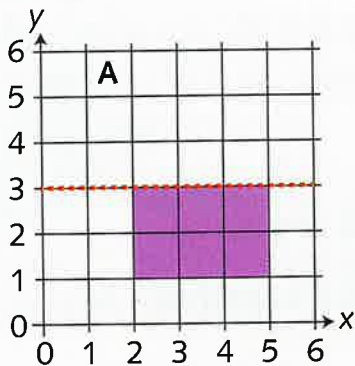
Challenge 2

1 For each half shape below:

- a** copy it on to a 6 x 6 coordinate grid
- b** reflect the shape in the dotted red line of symmetry

You will need:

- Resource 14: 6 x 6 coordinate grids
- ruler
- red pencil



2 Name each whole shape and write its coordinates.

Challenge 3

Investigate what happens to shapes PQRS and TUVW from Challenge 1 when you:

- a** add three to both the x- and y-coordinates
- b** swap over the numbers for the x- and y-coordinates

You will need:

- 1 cm squared paper or
- Coordinates tool

