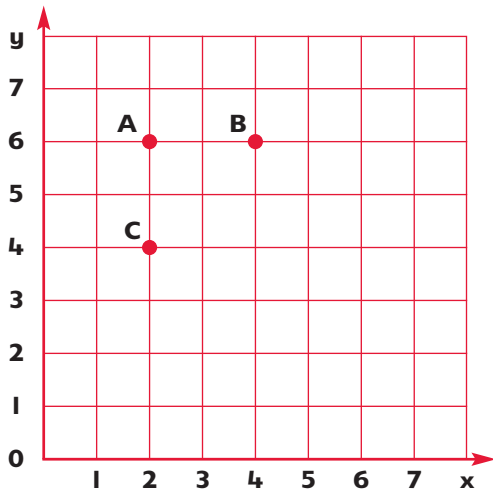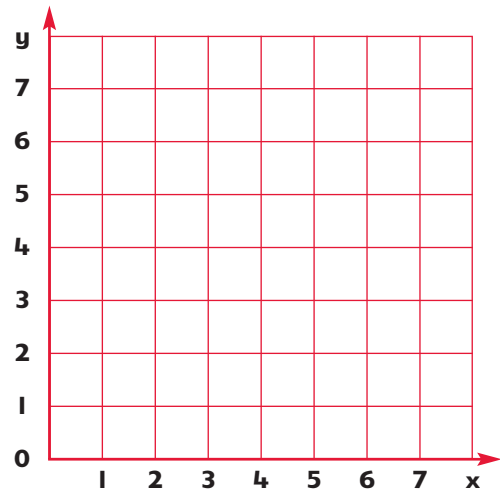# Shapes and mirrors

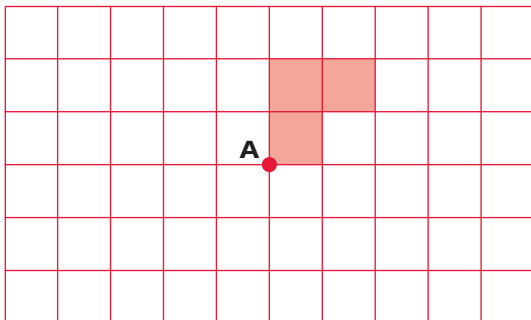**1.** A, B, C are three corners of a parallelogram. Write the coordinates of the fourth corner. _____
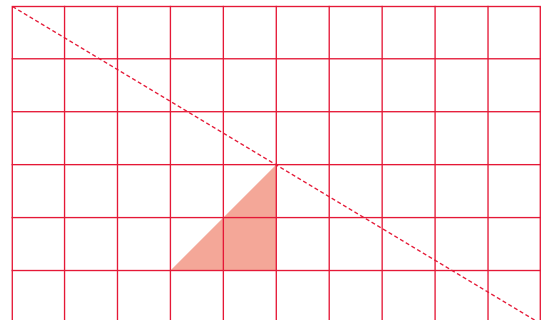

2. Plot (**2**, **1**) and (**5**, **2**). The line joining these two points is one side of a square. Write the coordinates of the other two points. _____
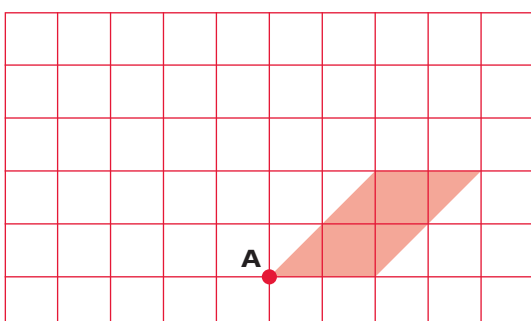

3. This shape is rotated **180°** clockwise about point A. Draw its new position on the grid.

4. Draw the reflection of this shape.

5. This shape is rotated **90°** anti-clockwise about point A. Draw its new position.

6. Draw this shape after it has been translated two squares to the East and one square to the South.