Practice worksheet | Transformations

Rotations about a point

Name: _____ Date: _____

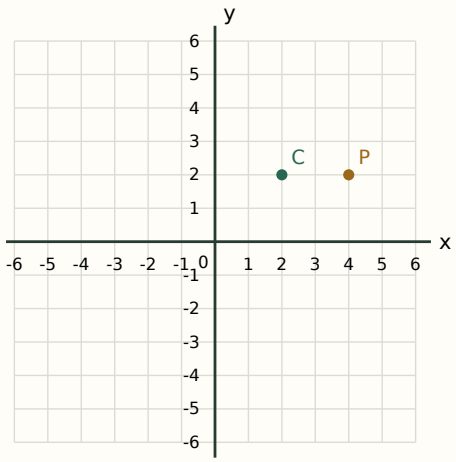
6 questions | 13 marks

1. Rotate $(2, 4)$ 90° clockwise about the origin. [2 marks]

2. Rotate $(-3, 1)$ 90° anticlockwise about the origin. [2 marks]

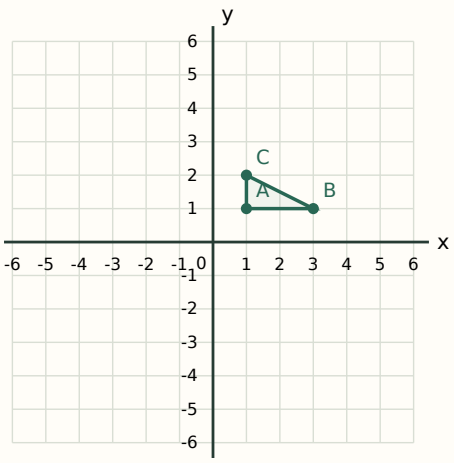
3. Rotate $(4, -1)$ 180° about the origin. [2 marks]

4. Rotate $P(4, 2)$ 90° anticlockwise about $C(2, 2)$. [2 marks]



Centre C
Point P

5. Rotate $A(1, 1)$, $B(3, 1)$ and $C(1, 2)$ 90° anticlockwise about the origin. Draw and label the image on the supplied grid. [3 marks]



6. A point is the centre of a rotation. Where does that point go? Explain. [2 marks]