

Name - _____

Start time - __ : __

End time - __ : __

Solve the following

1. Find the new position of the points with the coordinates below if they are rotated anticlockwise about the origin by:

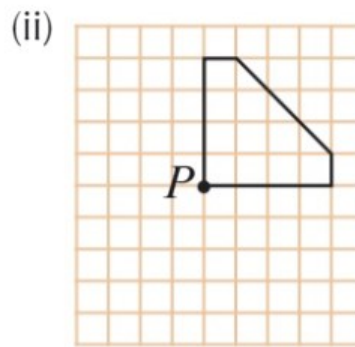
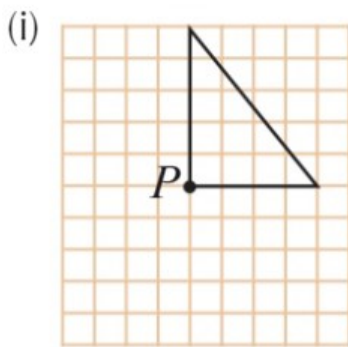
(i) 90° (ii) 180° (iii) 270°

a) (1, 0)

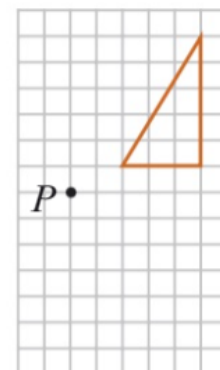
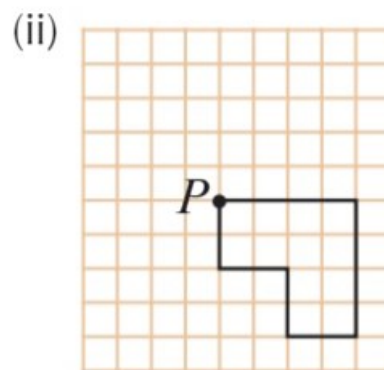
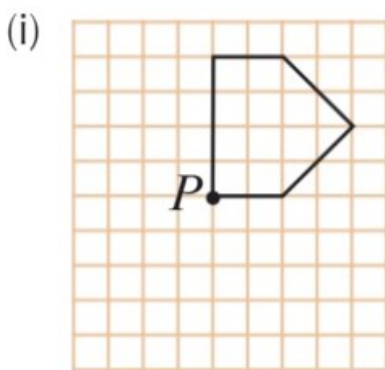
b) (0, 2)

c) (3, 1)

2. a) Copy the diagrams below, then rotate the shapes 180° about P.



b) Copy the diagrams below, then rotate the shapes 90° clockwise about P.



3. Rotate the shape below 90° clockwise about point P.