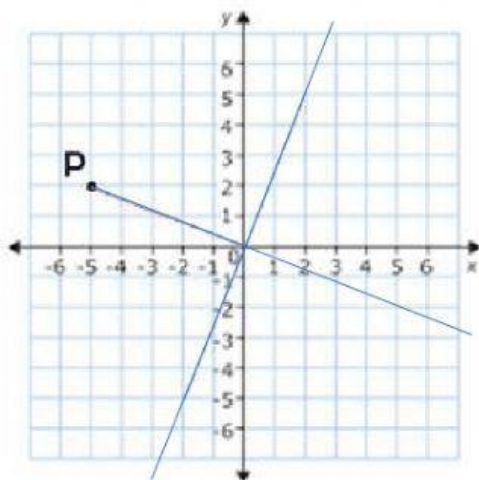


## Rotation

Answer the following questions

Q1



Rotate point P at  $90^\circ$  clockwise about the origin

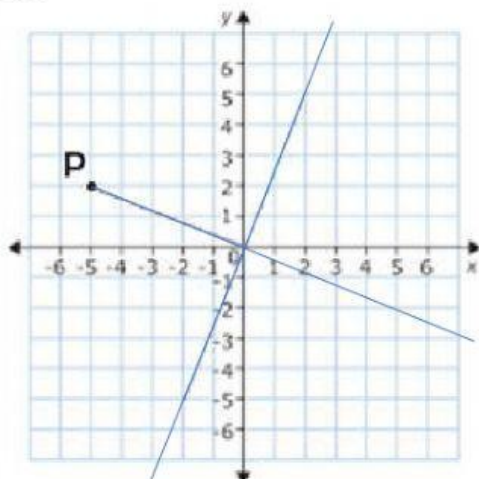
a) Drag the point P' below to the diagram

P' •

b) State the coordinate of point P'

(      ,      )

Q2.



Rotate point P at  $90^\circ$  anti clockwise about the origin

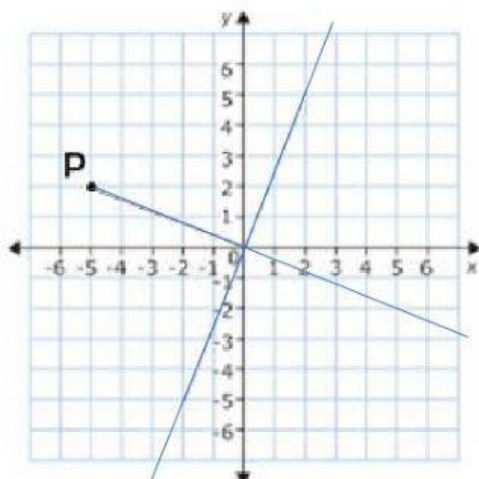
a) Drag the point P' below to the diagram

P' •

b) State the coordinate of point P'

(      ,      )

Q3.



Rotate point P at  $180^\circ$  about the origin

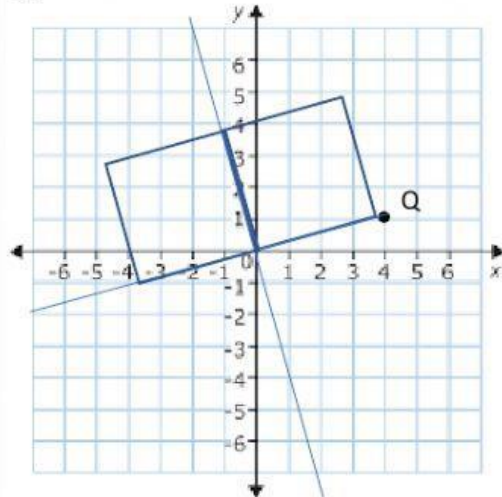
a) Drag the point P' below to the diagram

P' •

b) State the coordinate of point P'

(      ,      )

Q4



Rotate point Q at  $90^\circ$  clockwise about the origin

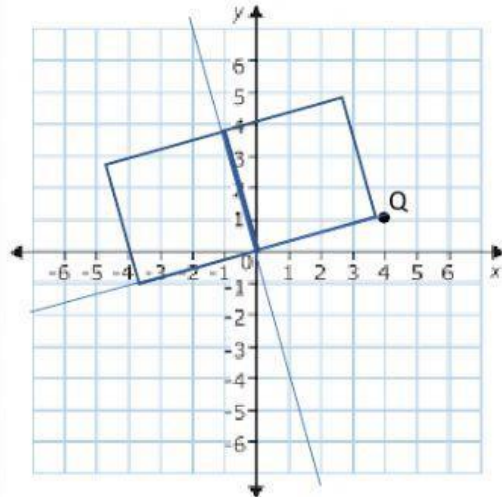
a) Drag the point P' below to the diagram

Q' •

b) State the coordinate of point Q'

(      ,      )

Q5



Rotate point Q at  $90^\circ$  anticlockwise about the origin

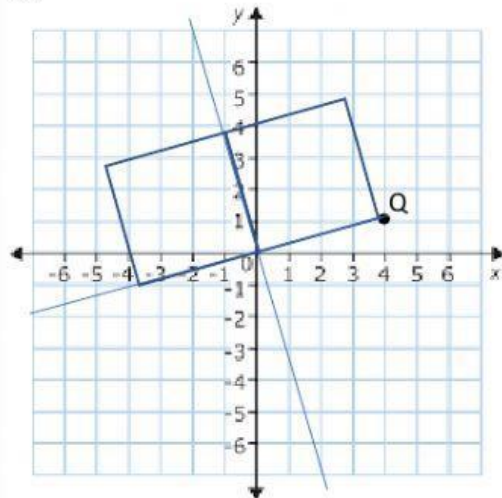
a) Drag the point P' below to the diagram

Q' •

b) State the coordinate of point Q'

(      ,      )

Q6



Rotate point Q at  $180^\circ$  about the origin

a) Drag the point P' below to the diagram

Q' •

b) State the coordinate of point Q'

(      ,      )