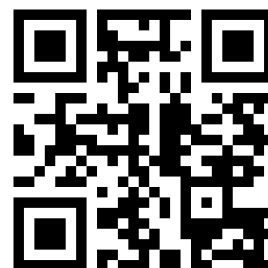


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The file: Worksheet about Rotation

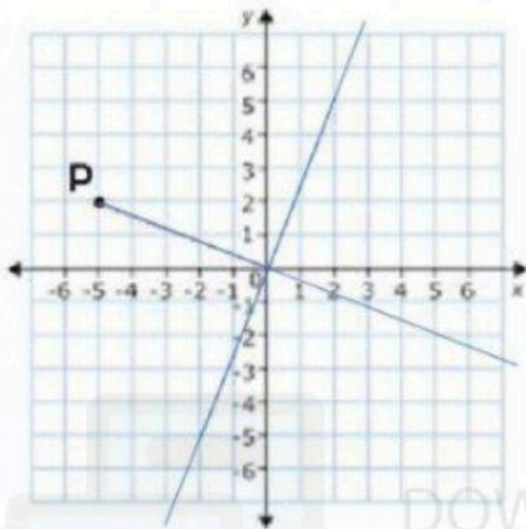
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## Rotation

Answer the following questions

Q1



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

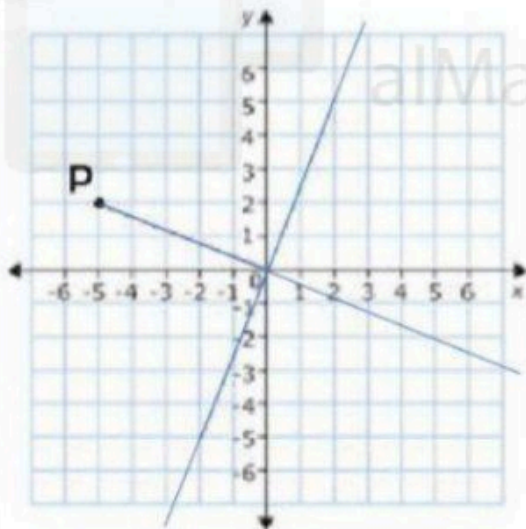
a) Drag the point P' below to the diagram

P' •

b) State the coordinate of point P'

(     ,     )

Q2.



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

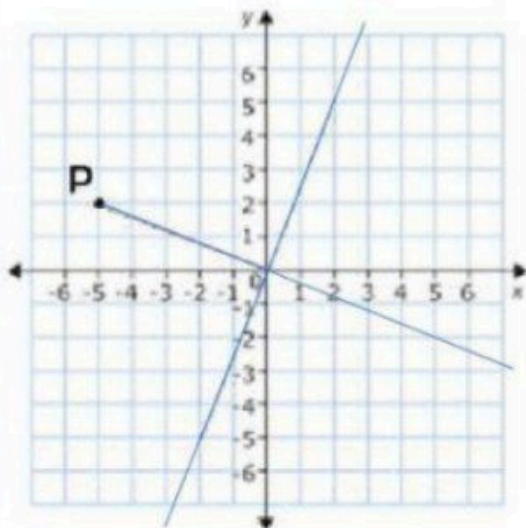
a) Drag the point P' below to the diagram

P' •

b) State the coordinate of point P'

(     ,     )

Q3.



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

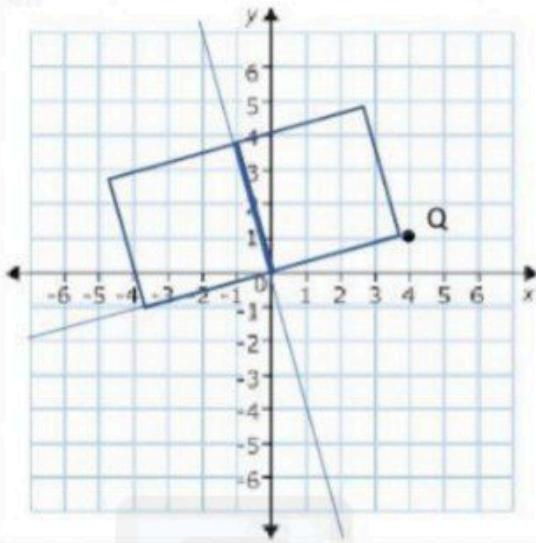
a) Drag the point P' below to the diagram

P' •

b) State the coordinate of point P'

(     ,     )

Q4



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

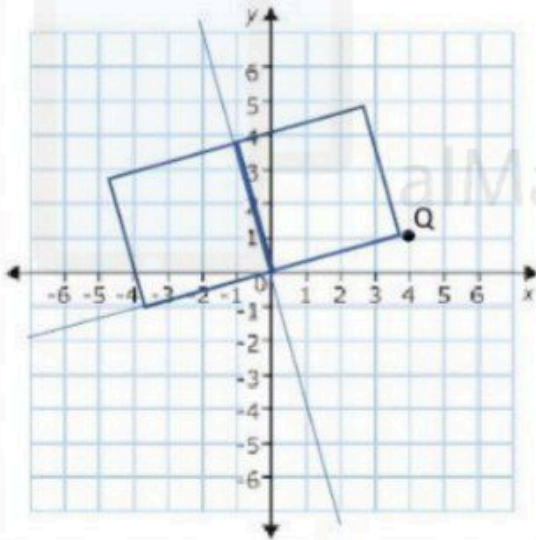
a) Drag the point P' below to the diagram

Q' •

b) State the coordinate of point Q'

(     ,     )

Q5



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

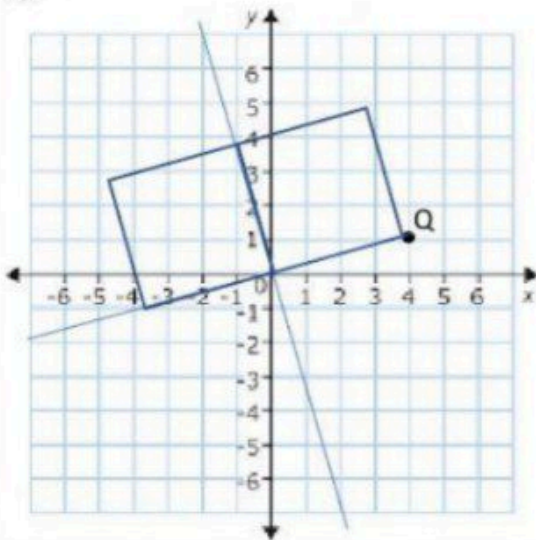
a) Drag the point P' below to the diagram

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'

(     ,     )