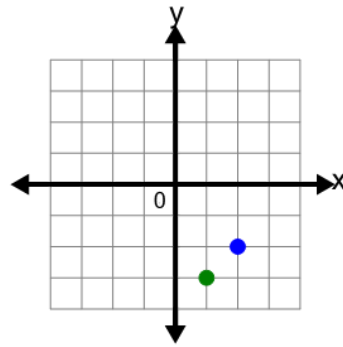




Math worksheet on 'Cartesian Grid - Rotation of Point (Grid to Coordinates) around Point (Level 1)'.
Part of a broader unit on 'Cartesian Grid Transformations - Intro'

Learn online: app.mobius.academy/math/units/cartesian_grid_transformations_intro/

1



Rotate this point by 180° clockwise about point $(2, -2)$

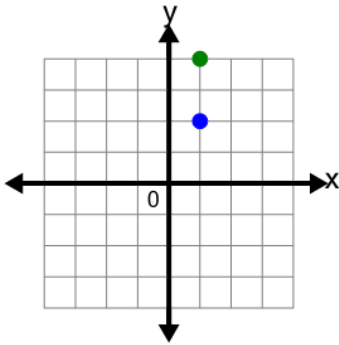
a

$(1, 3)$

b

$(3, -1)$

2



Rotate this point by 90° clockwise about point $(1, 2)$

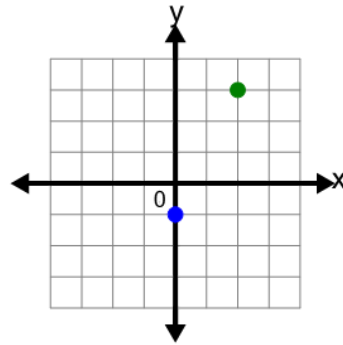
a

$(3, 2)$

b

$(2, -3)$

3



Rotate this point by 90° counter-clockwise about point $(0, -1)$

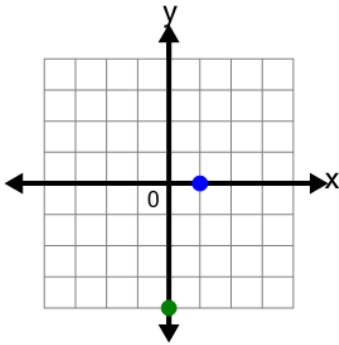
a

$(-4, 1)$

b

$(-1, -4)$

4



Rotate this point by 180° clockwise about point $(1, 0)$

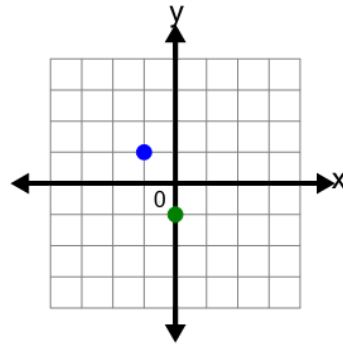
a

$(4, -2)$

b

$(2, 4)$

5



Rotate this point by 180° clockwise about point $(-1, 1)$

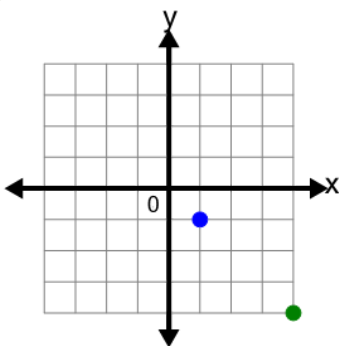
a

$(-3, 2)$

b

$(-2, 3)$

6



Rotate this point by 180° clockwise about point $(1, -1)$

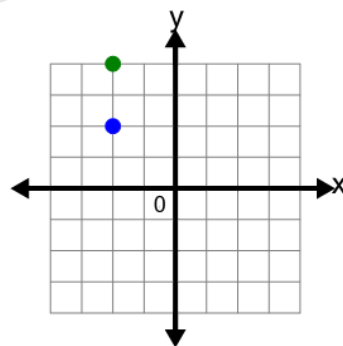
a

$(-2, 2)$

b

$(-2, -2)$

7



Rotate this point by 90° clockwise about point $(-2, 2)$

a

$(0, 2)$

b

$(2, 0)$