



Math worksheet on 'Cartesian Grid - Rotation of Point (Coordinates 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 point (4,-4) by 90° counter-clockwise about point (0,-2)

(4,-4)

a

(2,2)

b

(-2,2)

2

Rotate point (1,0) by 90° clockwise about point (0,-2)

(1,0)

a

(3,-2)

b

(2,-3)

3

Rotate point (3,-4) by 90° clockwise about point (1,-2)

(3,-4)

a

(4,1)

b

(-1,-4)

4

Rotate point (-1,-3) by 180° counter-clockwise about point (-2,-2)

(-1,-3)

a

(-3,-1)

b

(1,-3)

5

Rotate point (-2,0) by 180° counter-clockwise about point (-1,0)

(-2,0)

a

(-2,2)

b

(0,0)

6

Rotate point (-4,3) by 90° clockwise about the origin

(-4,3)

a

(4,3)

b

(3,4)

7

Rotate point (0,-4) by 180° clockwise about point (1,0)

(0,-4)

a

(2,4)

b

(2,-4)