



Math worksheet on 'Cartesian Grid - Rotation of Point (Coordinates to Coordinates) around Point on Axis (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 (3,1) by 90° counter-clockwise about point (-1,0)

(3,1)

a

(2,4)

b

(-2,4)

2

Rotate point (4,3) by 180° clockwise about point (2,0)

(4,3)

a

(3,-0)

b

(0,-3)

3

Rotate point (-3,0) by 90° clockwise about point (0,1)

(-3,0)

a

(-1,4)

b

(-4,1)

4

Rotate point (-1,-2) by 180° clockwise about the origin

(-1,-2)

a

(2,1)

b

(1,2)

5

Rotate point (1,1) by 180° counter-clockwise about the origin

(1,1)

a

(1,1)

b

(-1,-1)

6

Rotate point (3,-2) by 90° clockwise about point (-1,0)

(3,-2)

a

(-3,-4)

b

(-4,3)

7

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

(3,-4)

a

(4,3)

b

(-4,-3)