



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

(1,3)	
a	b
(1,3)	(-3,1)

2 Rotate point (-4,3) by 180° clockwise about the origin

(-4,3)	
a	b
(-3,4)	(4,-3)

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

(4,-3)	
a	b
(-3,-4)	(-4,3)

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

(2,3)	
a	b
(-2,-3)	(-3,2)

5 Rotate point (-1,3) by 180° counter-clockwise about the origin

(-1,3)	
a	b
(1,3)	(1,-3)

6 Rotate point (1,0) by 90° counter-clockwise about the origin

(1,0)	
a	b
(-0,-1)	(0,1)

7 Rotate point (-2,4) by 180° counter-clockwise about the origin

(-2,4)	
a	b
(4,2)	(2,-4)