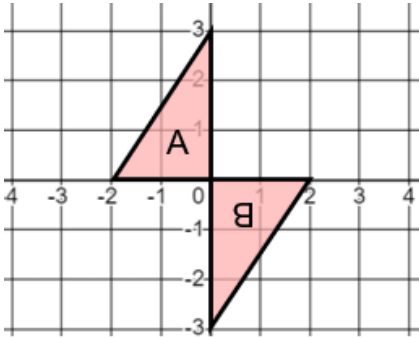


Describing Rotations

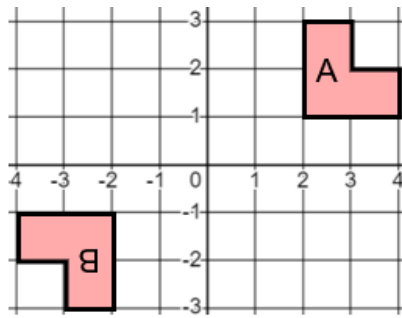
Describe fully the single transformation which maps shape A to shape B

(a)



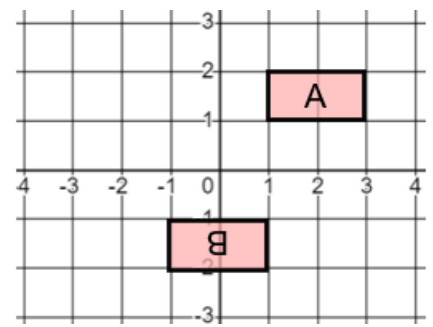
*Rotation of 180°
about the origin*

(b)



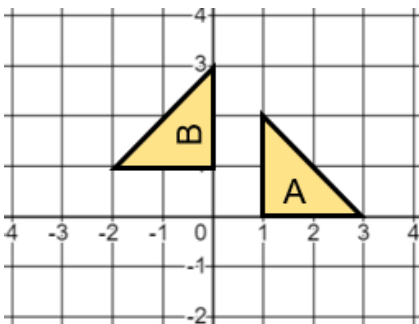
*Rotation of 180°
about the origin*

(c)



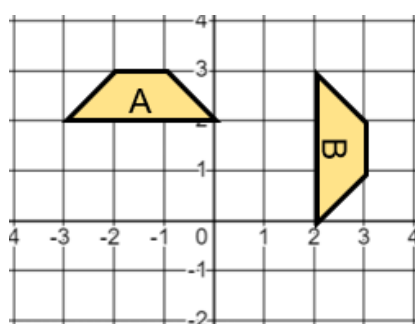
*Rotation of 180°
about (1, 0)*

(d)



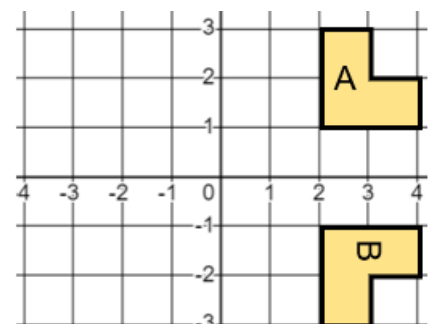
*Rotation of 90°
anti – clockwise
about the origin*

(e)



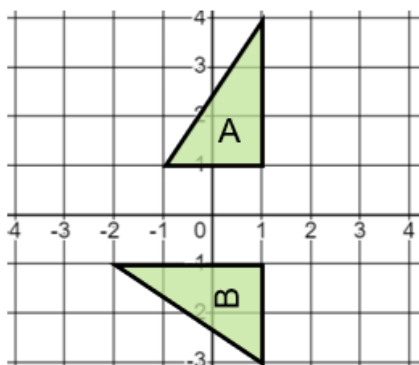
*Rotation of 90°
clockwise
about the origin*

(f)



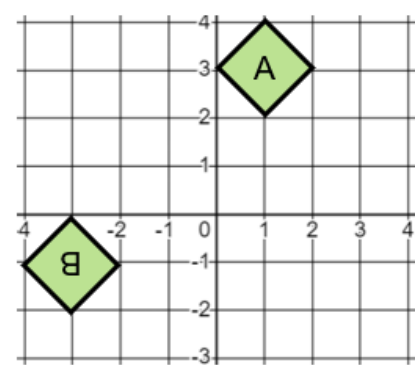
*Rotation of 90°
clockwise about (1, 0)*

(g)



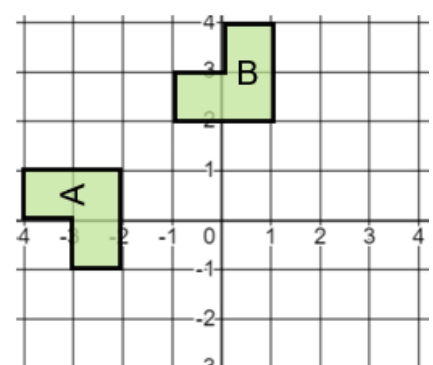
*Rotation of 90°
anti – clockwise
about (2, 0)*

(h)



*Rotation of 180°
about (-1, 1)*

(i)



*Rotation of 90°
clockwise
about the origin*