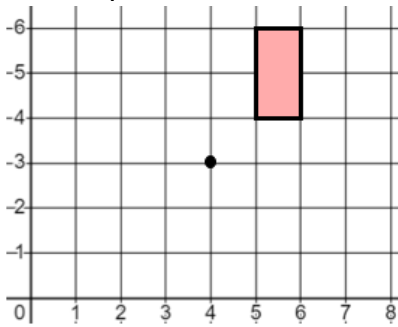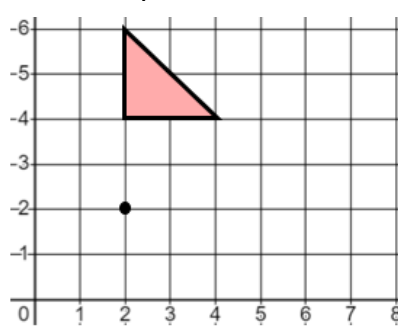# Rotating Shapes

(a)
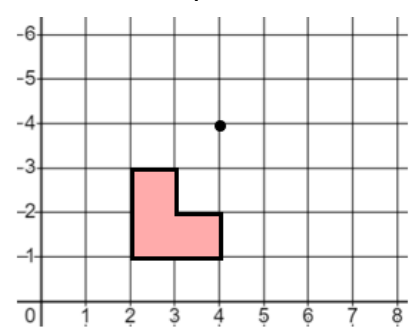Rotate 180° about the point shown.

(b)
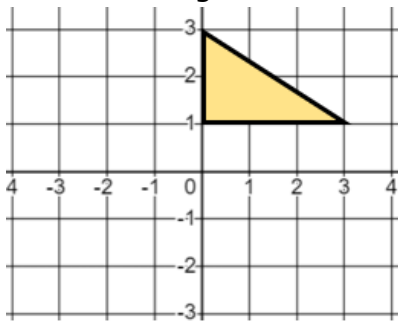Rotate 90° clockwise about the point shown.

(c)
Rotate 90° anti-clockwise about the point shown.
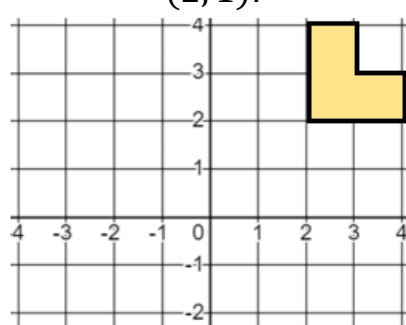

(d)
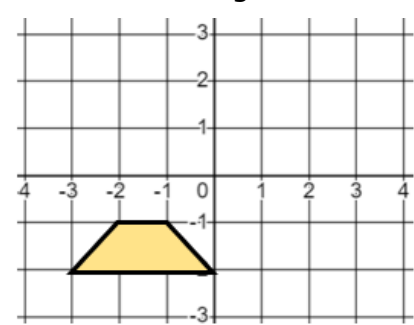Rotate 180° about the origin.

(e)
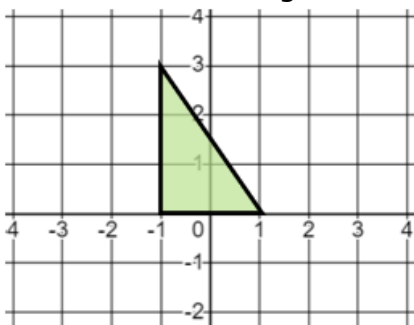Rotate 180° about the point $(2, 1)$.

(f)
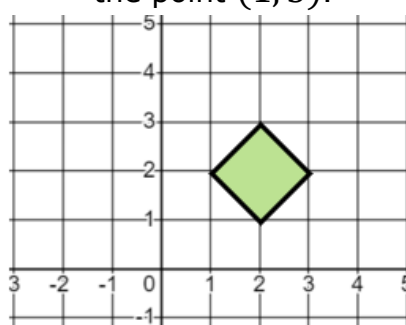Rotate 90° clockwise about the origin.

(g)
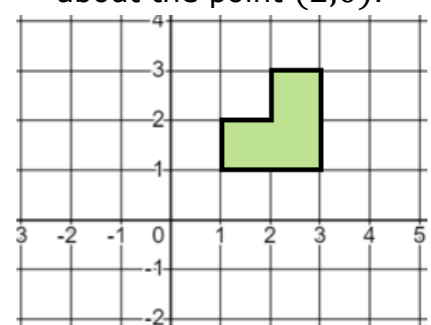Rotate 90° anti-clockwise about the origin.

(h)
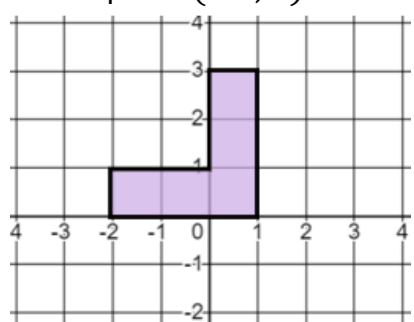Rotate 90° clockwise about the point $(1, 3)$.

(i)
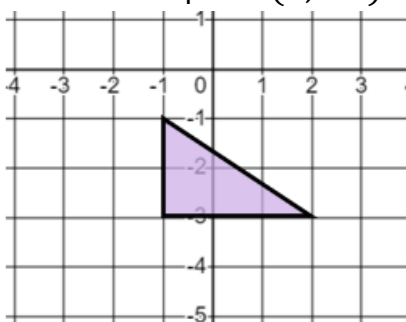Rotate 90° anti-clockwise about the point $(2, 0)$.

(j)
Rotate 180° about the point $(-1, 1)$.

(k)
Rotate 90° anti-clockwise about the point $(0, -2)$.

(l)
Rotate 90° clockwise about the point $(-1, -2)$.