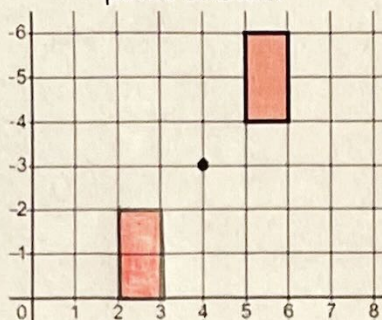


## Rotating Shapes

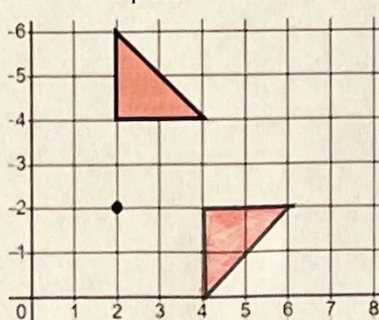
**(a)**

Rotate  $180^\circ$  about the point shown.



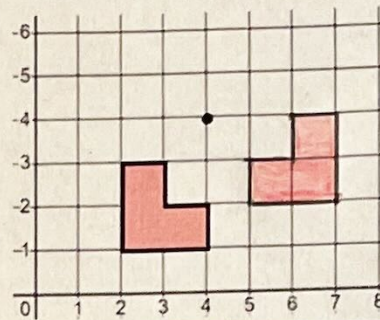
**(b)**

Rotate  $90^\circ$  clockwise about the point shown.



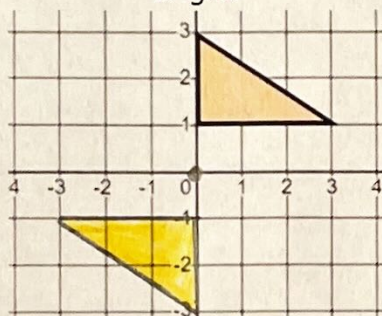
**(c)**

Rotate  $90^\circ$  anti-clockwise about the point shown.



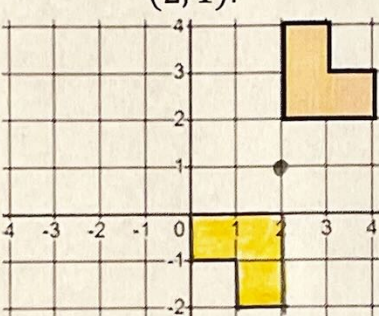
**(d)**

Rotate  $180^\circ$  about the origin.



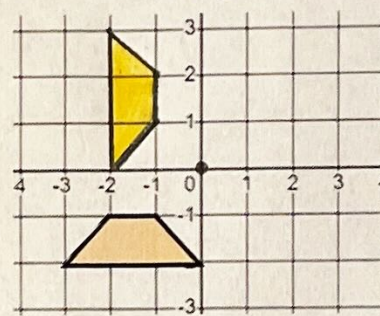
**(e)**

Rotate  $180^\circ$  about the point (2, 1).



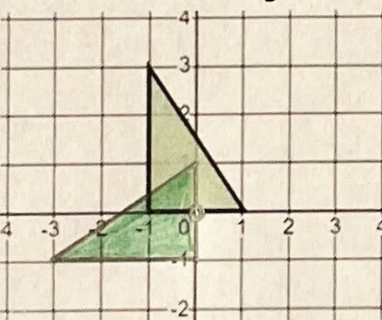
**(f)**

Rotate  $90^\circ$  clockwise about the origin.



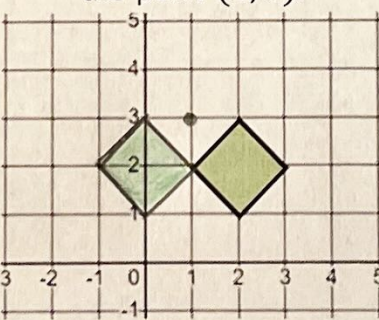
**(g)**

Rotate  $90^\circ$  anti-clockwise about the origin.



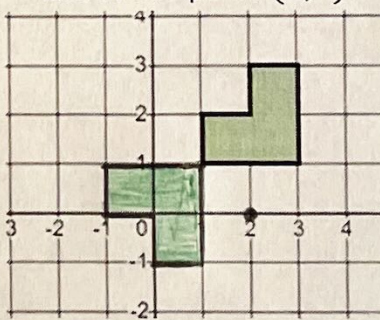
**(h)**

Rotate  $90^\circ$  clockwise about the point (1, 3).



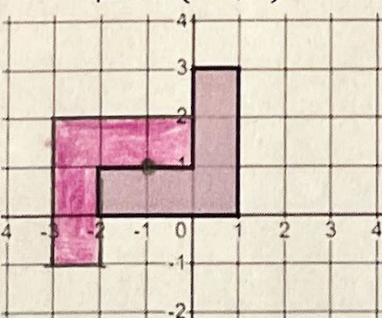
**(i)**

Rotate  $90^\circ$  anti-clockwise about the point (2, 0).



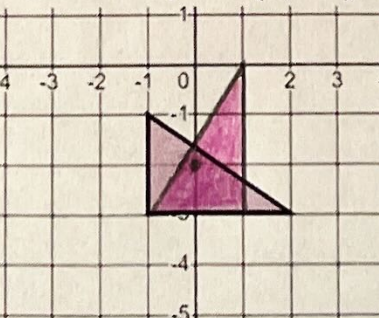
**(j)**

Rotate  $180^\circ$  about the point (-1, 1).



**(k)**

Rotate  $90^\circ$  anti-clockwise about the point (0, -2).



**(l)**

Rotate  $90^\circ$  clockwise about the point (-1, -2).

