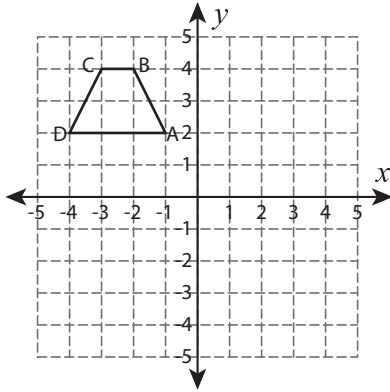


Write the New Coordinates

Graph the image of each figure after the given transformation. Also write the coordinates of the image.

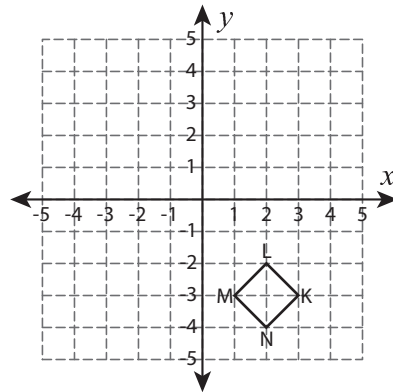
- 1) Reflection across the x-axis



A' : _____ , B' : _____

C' : _____ , D' : _____

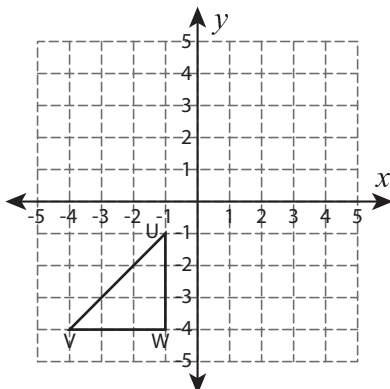
- 2) Translate 3 units up and 2 units right



K' : _____ , L' : _____

M' : _____ , N' : _____

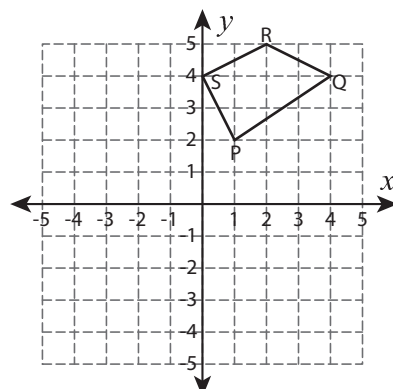
- 3)
- 90°
- clockwise rotation about the origin



U' : _____ , V' : _____

W' : _____

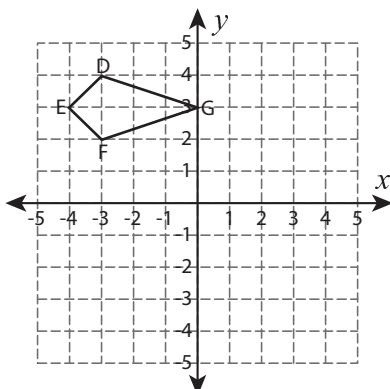
- 4) Reflection across the line
- $y = 1$



P' : _____ , Q' : _____

R' : _____ , S' : _____

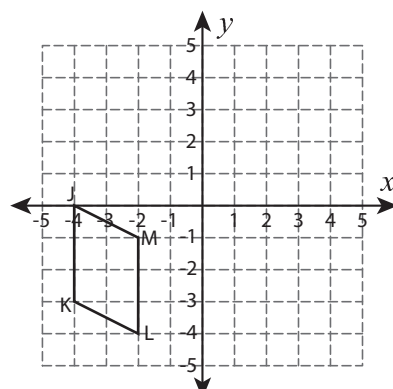
- 5) Translate 4 units down and 1 unit left



D' : _____ , E' : _____

F' : _____ , G' : _____

- 6)
- 180°
- rotation about the origin



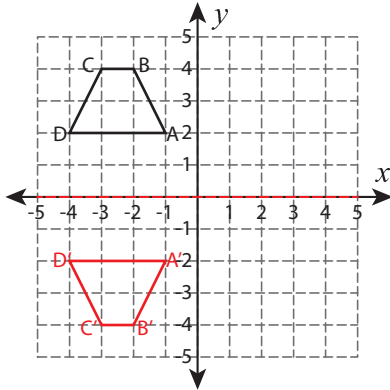
J' : _____ , K' : _____

L' : _____ , M' : _____

Write the New Coordinates

Graph the image of each figure after the given transformation. Also write the coordinates of the image.

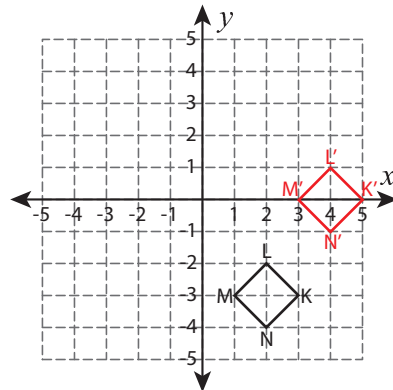
- 1) Reflection across the x-axis



$$A' : \underline{(-1, -2)} , B' : \underline{(-2, -4)}$$

$$C' : \underline{(-3, -4)} , D' : \underline{(-4, -2)}$$

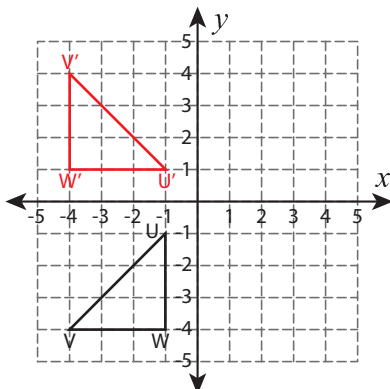
- 2) Translate 3 units up and 2 units right



$$K' : \underline{(5, 0)} , L' : \underline{(4, 1)}$$

$$M' : \underline{(3, 0)} , N' : \underline{(4, -1)}$$

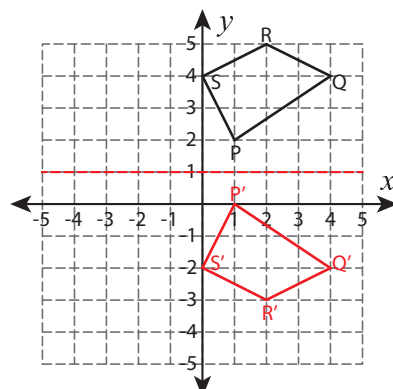
- 3)
- 90°
- clockwise rotation about the origin



$$U' : \underline{(-1, 1)} , V' : \underline{(-4, 4)}$$

$$W' : \underline{(-4, 1)}$$

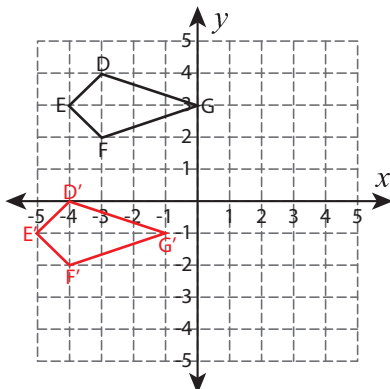
- 4) Reflection across the line
- $y = 1$



$$P' : \underline{(1, 0)} , Q' : \underline{(4, -2)}$$

$$R' : \underline{(2, -3)} , S' : \underline{(0, -2)}$$

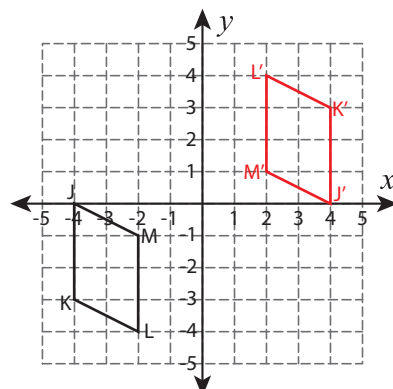
- 5) Translate 4 units down and 1 unit left



$$D' : \underline{(-4, 0)} , E' : \underline{(-5, -1)}$$

$$F' : \underline{(-4, -2)} , G' : \underline{(-1, -1)}$$

- 6)
- 180°
- rotation about the origin



$$J' : \underline{(4, 0)} , K' : \underline{(4, 3)}$$

$$L' : \underline{(2, 4)} , M' : \underline{(2, 1)}$$