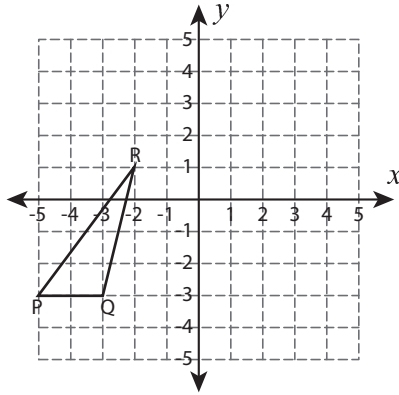


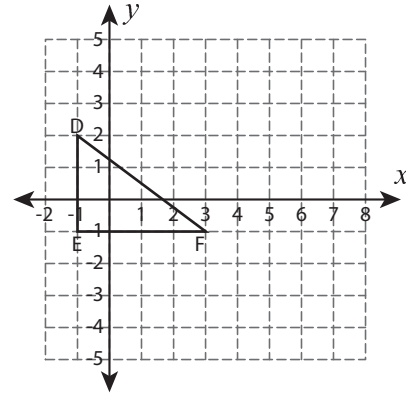
Transform the Triangles

Graph the image of each triangle after the given transformation.

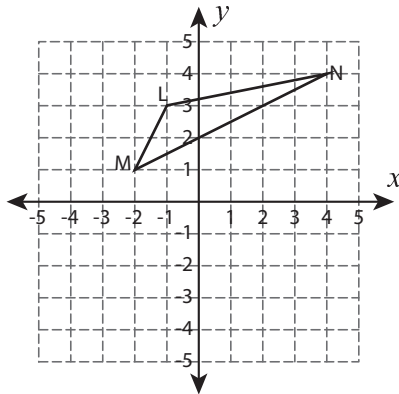
- 1) Translate 2 units up and 7 units right



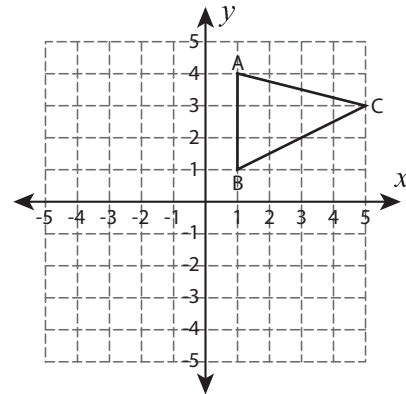
- 2) Reflection across the line $x = 3$



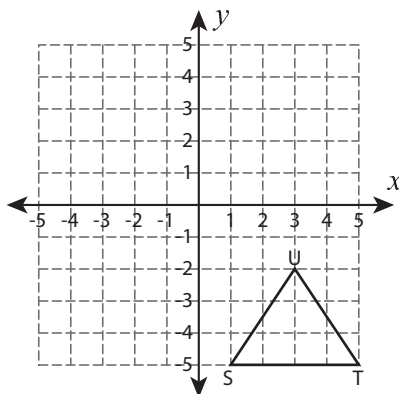
- 3) 90° clockwise rotation about the origin



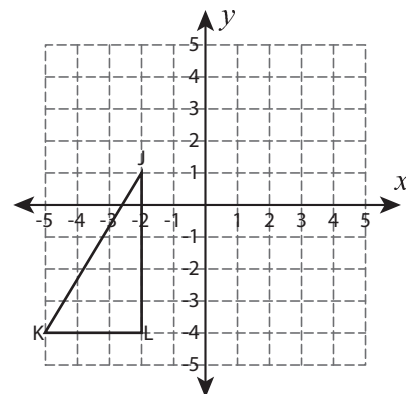
- 4) Translate 4 units left and 6 units down



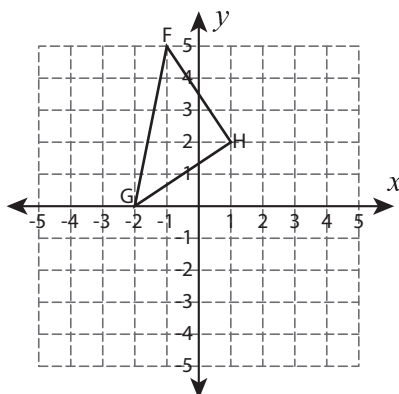
- 5) Reflection across the line $y = -1$



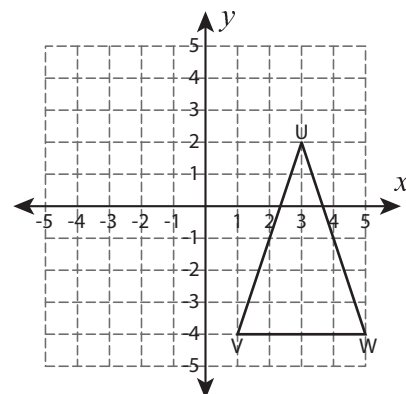
- 6) 90° counterclockwise rotation about the origin



- 7) Translate 5 units down and 1 unit right



- 8) Reflection across the line $y = x$

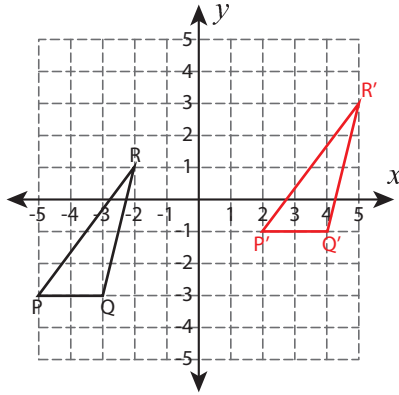


Answer key**Transform the Triangles**

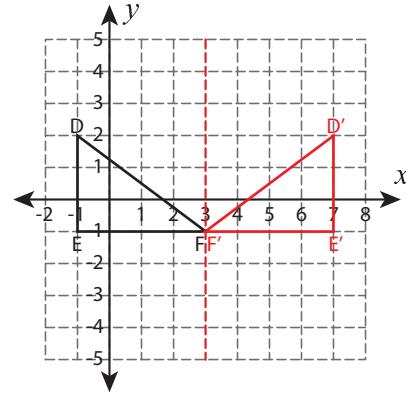
Sheet 1

Graph the image of each triangle after the given transformation.

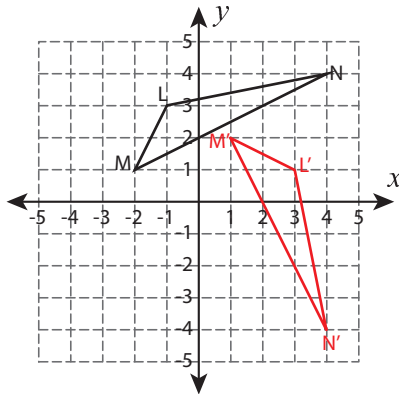
- 1) Translate 2 units up and 7 units right



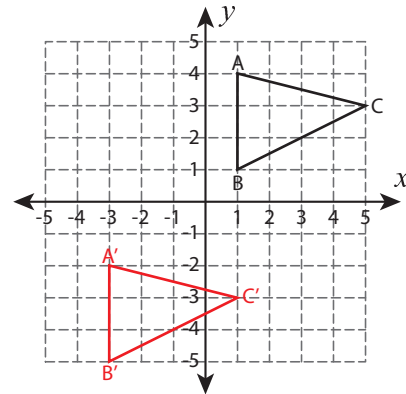
- 2) Reflection across the line
- $x = 3$



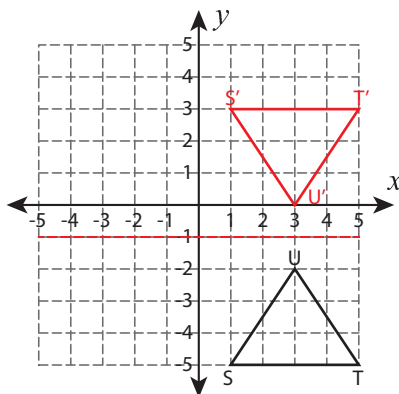
- 3)
- 90°
- clockwise rotation about the origin



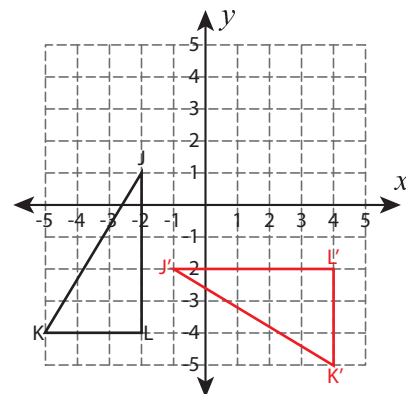
- 4) Translate 4 units left and 6 units down



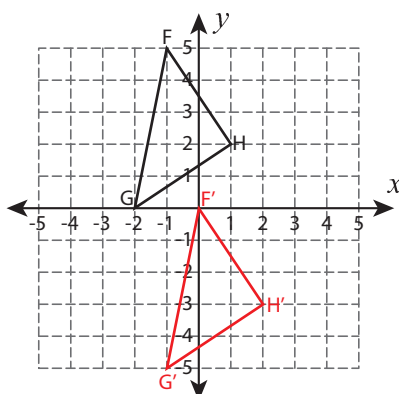
- 5) Reflection across the line
- $y = -1$



- 6)
- 90°
- counterclockwise rotation about the origin



- 7) Translate 5 units down and 1 unit right



- 8) Reflection across the line
- $y = x$

