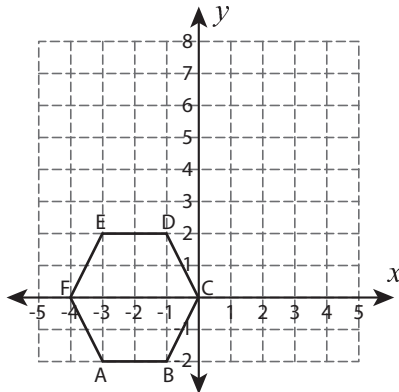


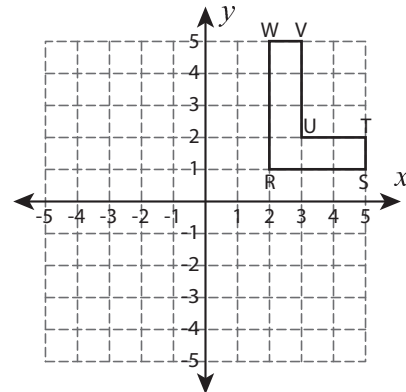
Transform the Shapes

Graph the image of each shape after the given transformation.

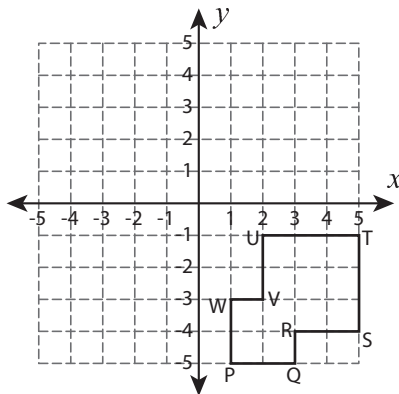
1) Reflection across the line $y = 3$



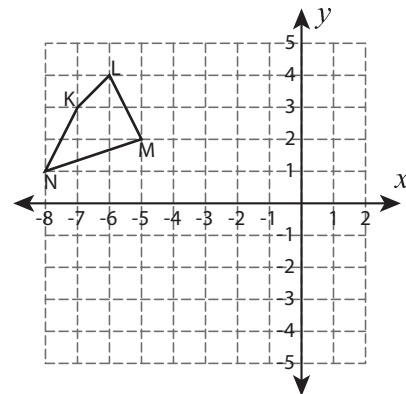
2) 90° counterclockwise rotation about the origin



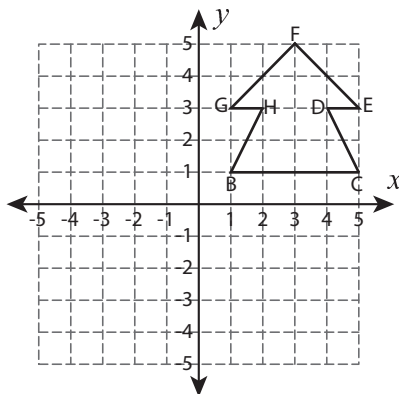
3) Translate 6 units up and 4 units left



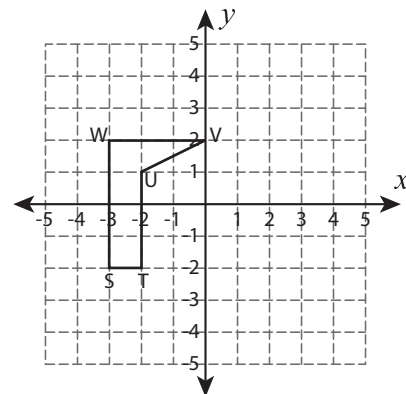
4) Reflection across the line $x = -4$



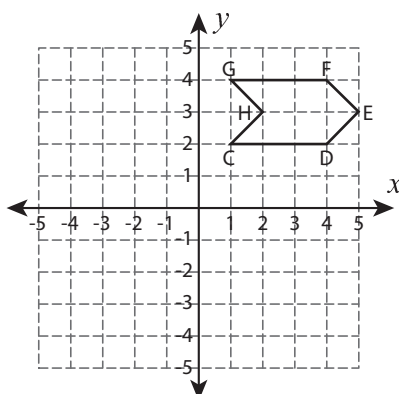
5) 180° rotation about the origin



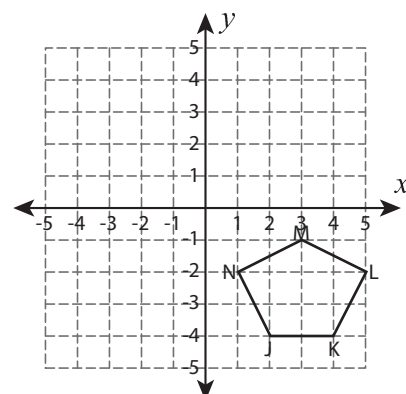
6) Translate 5 units right and 3 units down



7) Reflection across the x-axis



8) 90° clockwise rotation about the origin

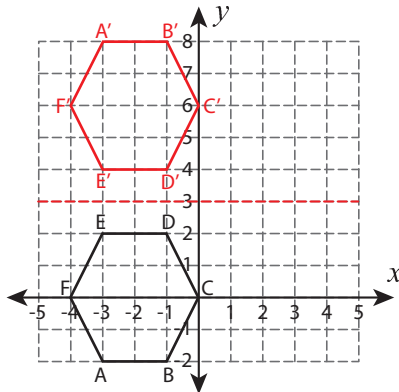


Answer key

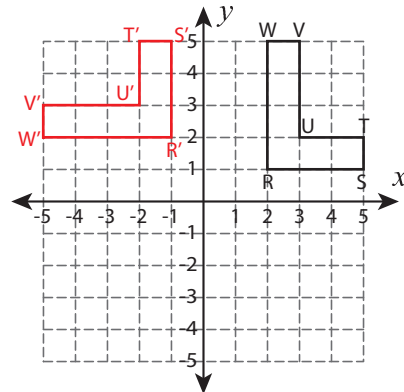
Transform the Shapes

Graph the image of each shape after the given transformation.

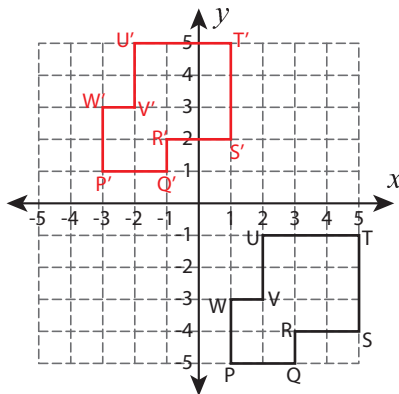
1) Reflection across the line $y = 3$



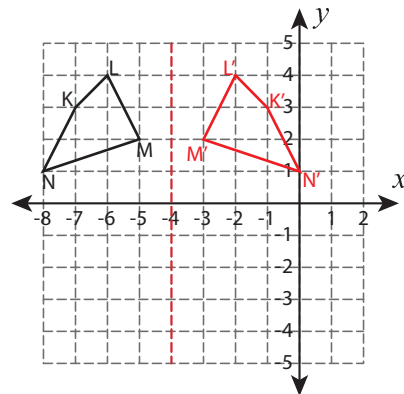
2) 90° counterclockwise rotation about the origin



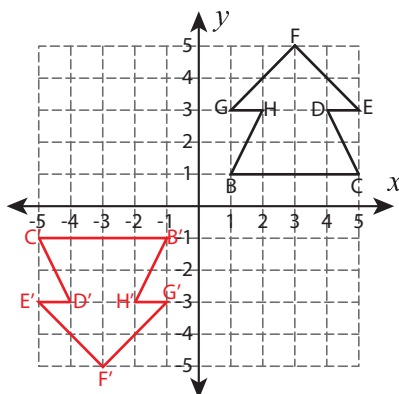
3) Translate 6 units up and 4 units left



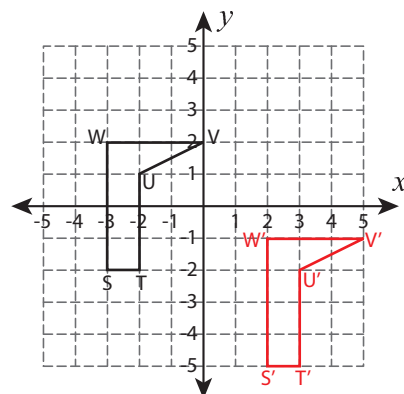
4) Reflection across the line $x = -4$



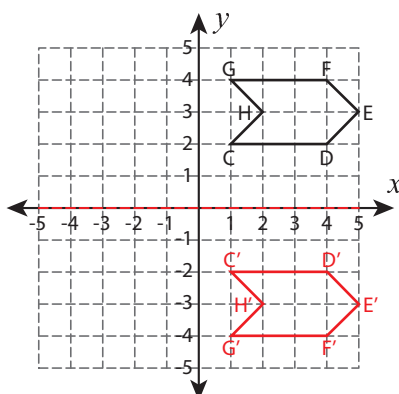
5) 180° rotation about the origin



6) Translate 5 units right and 3 units down



7) Reflection across the x-axis



8) 90° clockwise rotation about the origin

