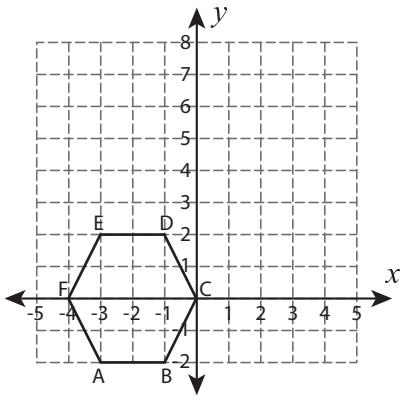
Name : _____ Score : _____

Transform the Shapes

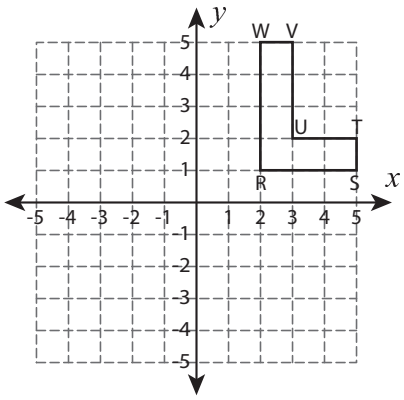
Sheet 1

Graph the image of each shape after the given transformation.

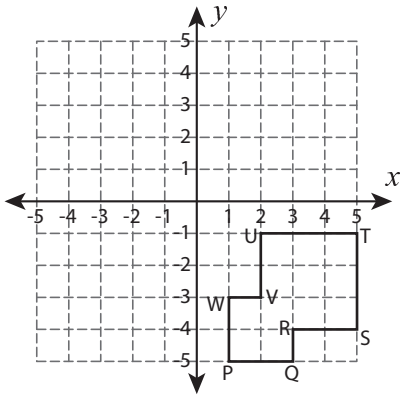
1) Reflection across the line y = 3



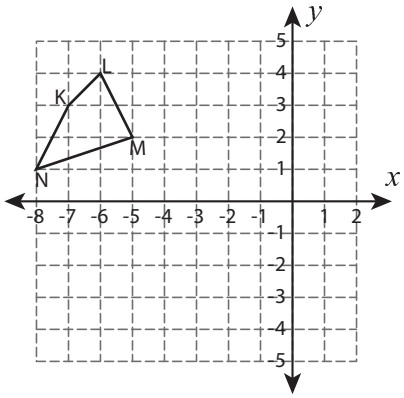
2) 90^0 counterclockwise rotation about the origin



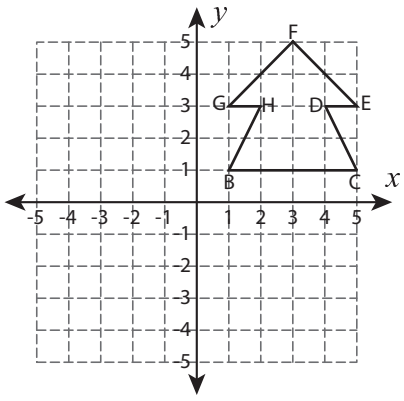
3) Translate 6 units up and 4 units left



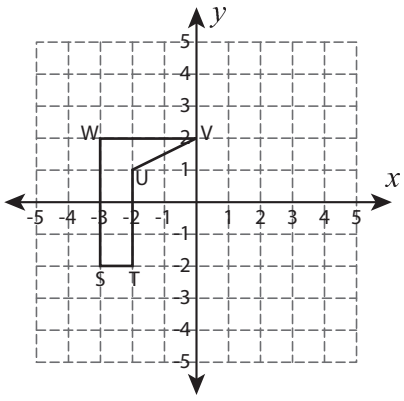
4) Reflection across the line x = –4



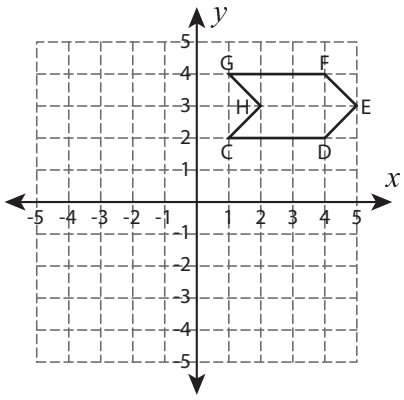
5) 180^0 rotation about the origin



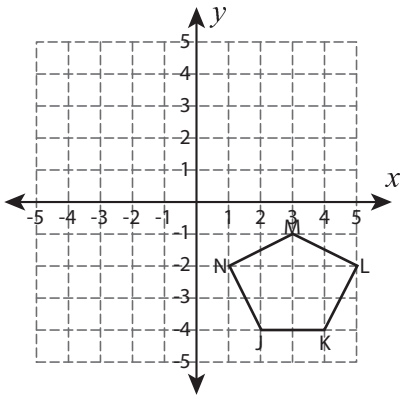
6) Translate 5 units right and 3 units down



7) Reflection across the x-axis



8) 90^0 clockwise rotation about the origin



Name : _____ Score : _____

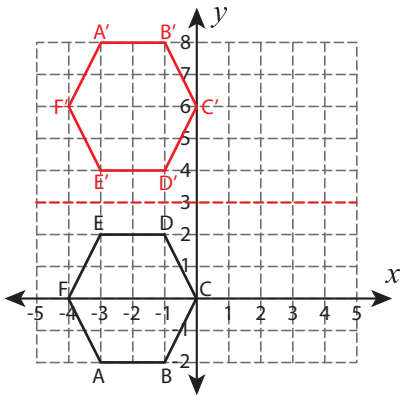
Answer key

Transform the Shapes

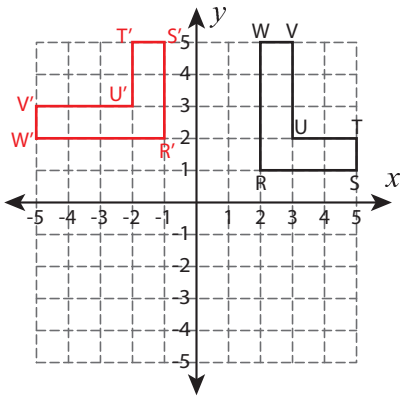
Sheet 1

Graph the image of each shape after the given transformation.

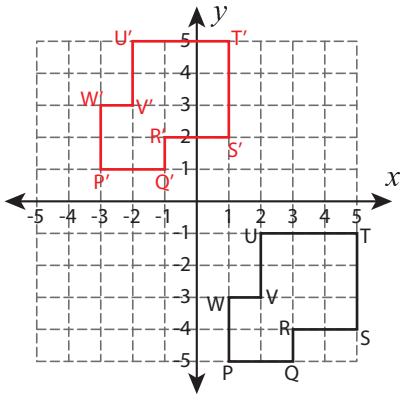
1) Reflection across the line y = 3



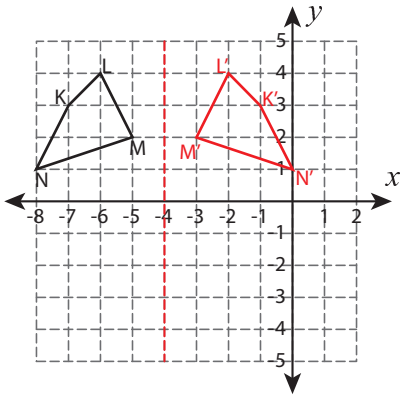
2) 90^0 counterclockwise rotation about the origin



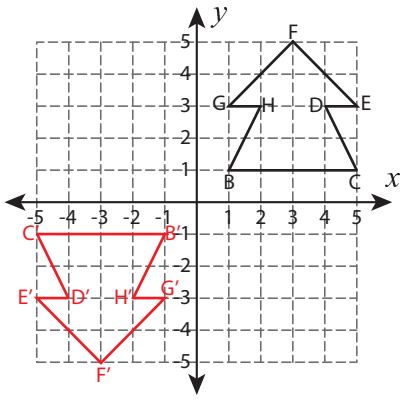
3) Translate 6 units up and 4 units left



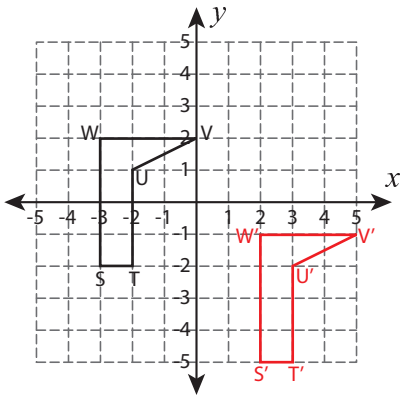
4) Reflection across the line x = –4



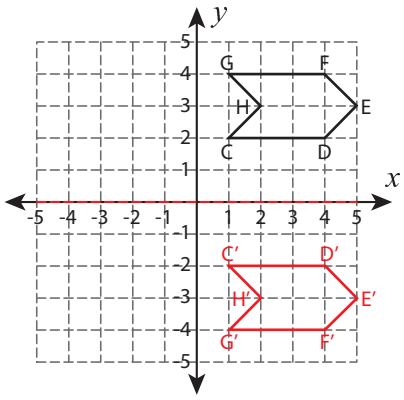
5) 180^0 rotation about the origin



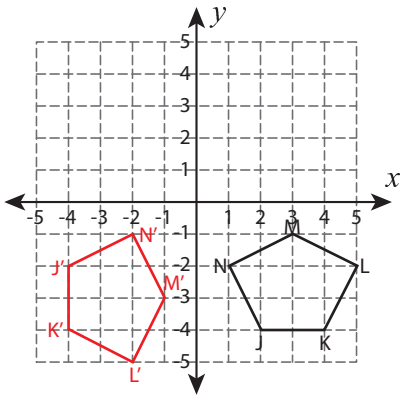
6) Translate 5 units right and 3 units down



7) Reflection across the x-axis



8) 90^0 clockwise rotation about the origin



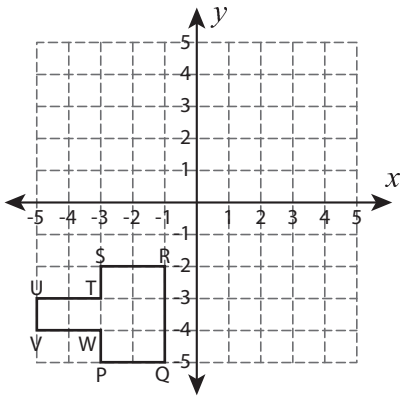
Name : _____ Score : _____

Transform the Shapes

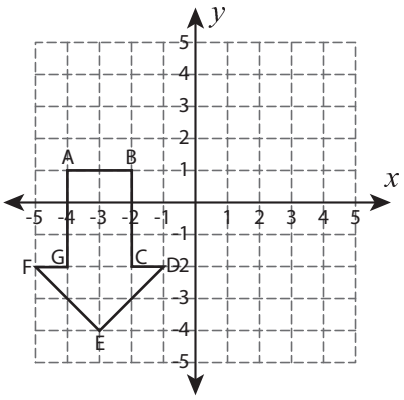
Sheet 2

Graph the image of each shape after the given transformation.

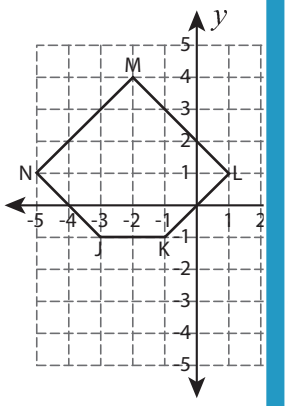
1) Translate 6 units right and 6 units up

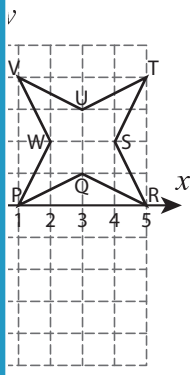


2) Reflection across y = –x

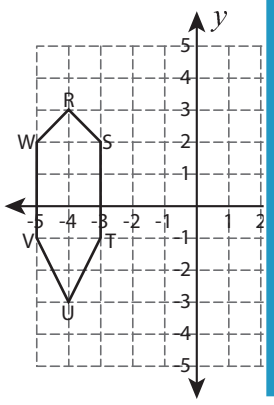


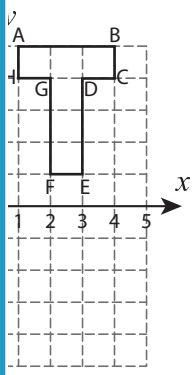
3) 90^0 counterclockwise r … own and 4 units left



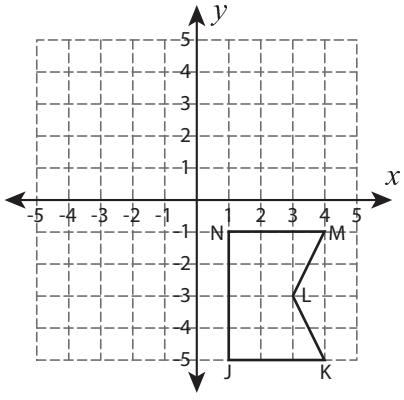


5) Reflection across the y … t the origin

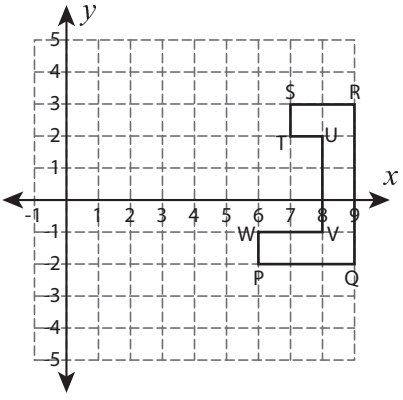




7) Translate 5 units left and 2 units up



8) Reflection across the line x = 5



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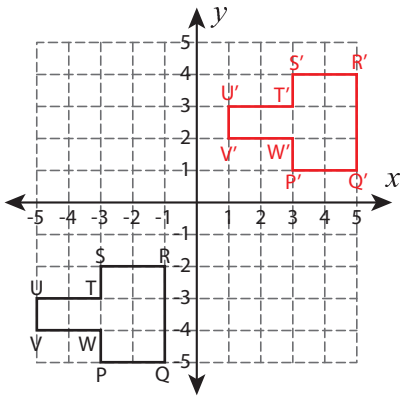
Answer key

Transform the Shapes

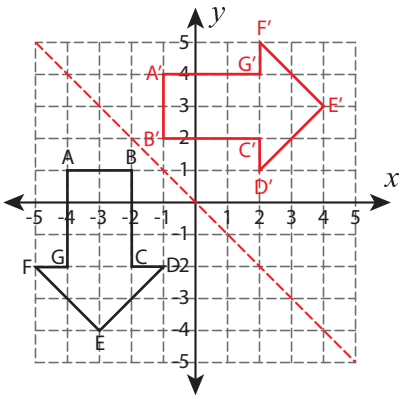
Sheet 2

Graph the image of each shape after the given transformation.

1) Translate 6 units right and 6 units up



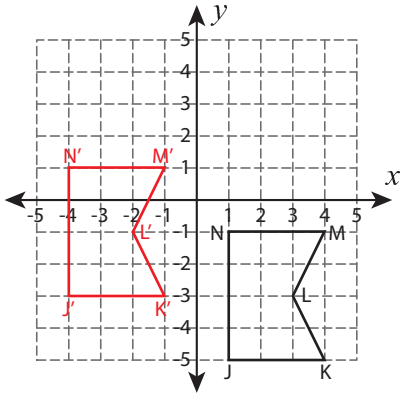
2) Reflection across y = –x



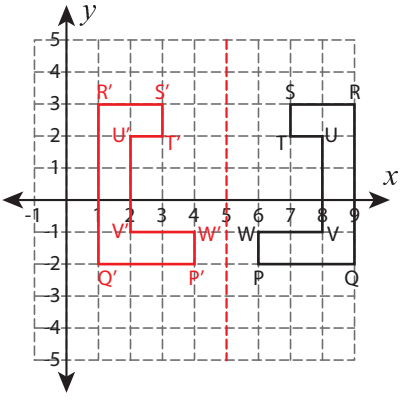
3) 90° counterclockwise r … own and 4 units left

5) Reflection across the y … t the origin

7) Translate 5 units left and 2 units up



8) Reflection across the line x = 5



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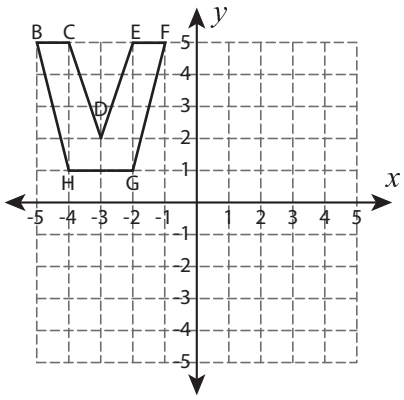
Name : _____ Score : _____

Transform the Shapes

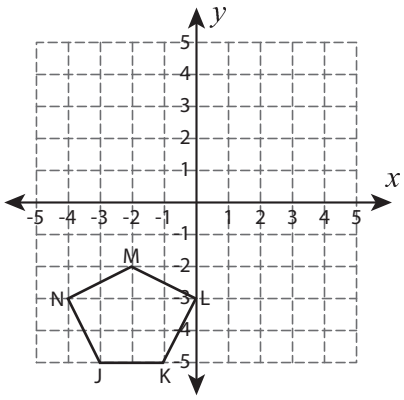
Sheet 3

Graph the image of each shape after the given transformation.

1) 90^0 clockwise rotation about the origin



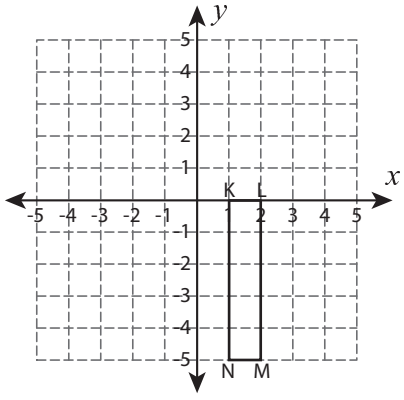
2) Translate 3 units up and 5 units right



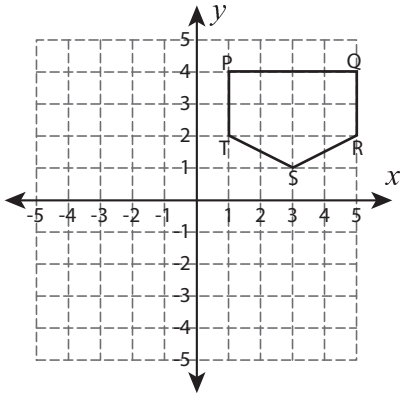
3) Reflection across the li t the origin

5) Translate 4 units down ne line y = –2

7) 90^0 counterclockwise rotation about the origin



8) Translate 6 units left and 2 units down



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Name : _____ Score : _____

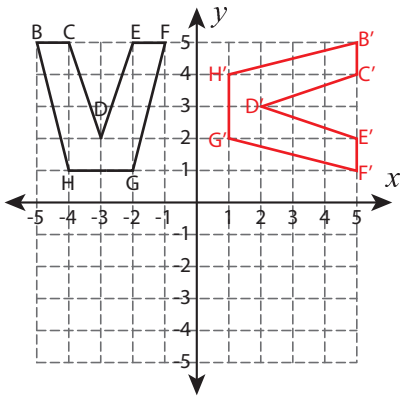
Answer key

Transform the Shapes

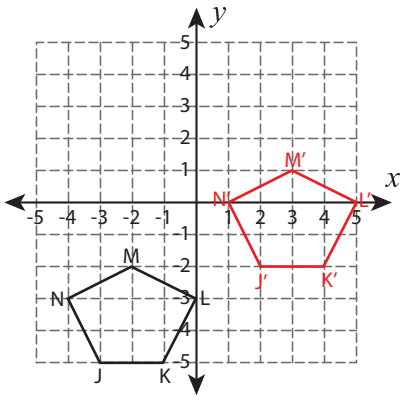
Sheet 3

Graph the image of each shape after the given transformation.

1) 90^0 clockwise rotation about the origin



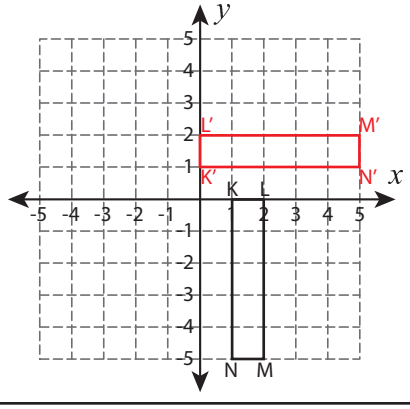
2) Translate 3 units up and 5 units right



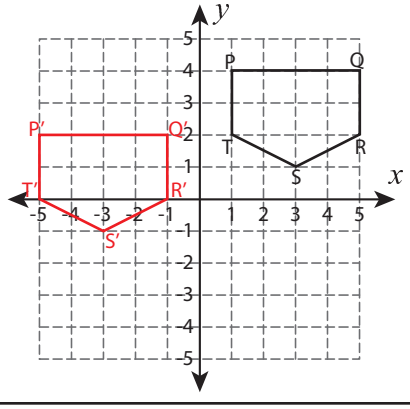
3) Reflection across the li t the origin

5) Translate 4 units down ne line y = –2

7) 90^0 counterclockwise rotation about the origin



8) Translate 6 units left and 2 units down



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