

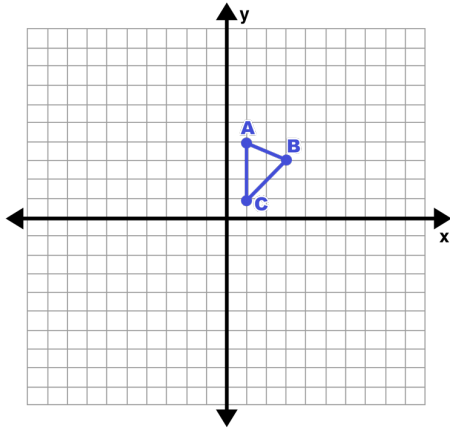
Name: _____



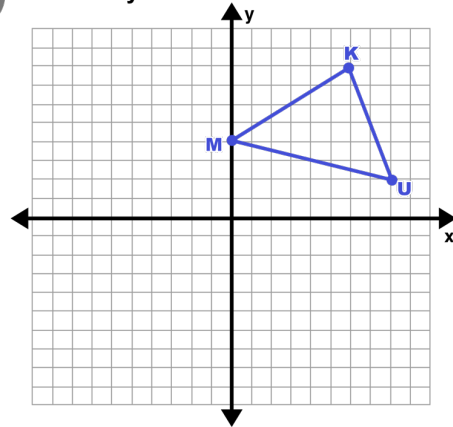
Dilations on the Coordinate Plane

Part I: Graph the image of each figure using the given transformation.

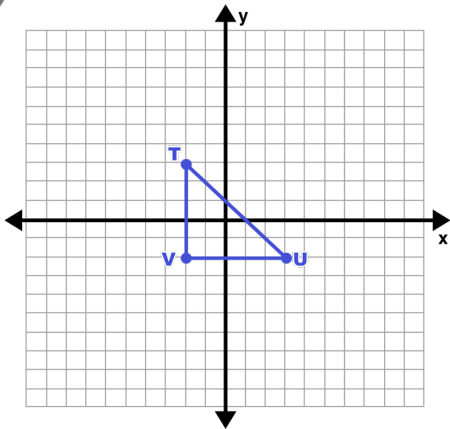
1.) Dilation by a scale factor of 2



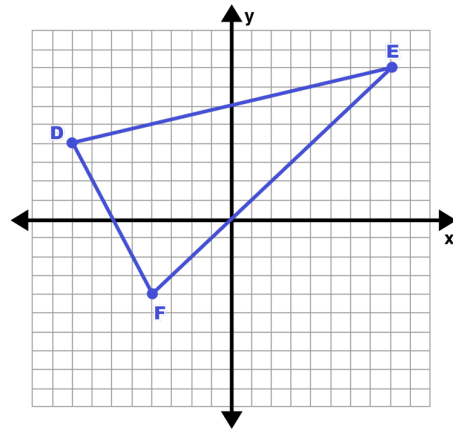
2.) Dilation by a scale factor of 1/2



3.) Dilation by a scale factor of 3

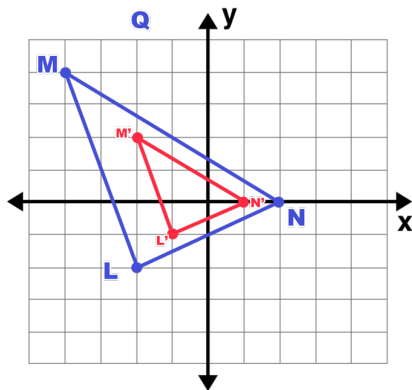


4.) Dilation by a scale factor of 1/4

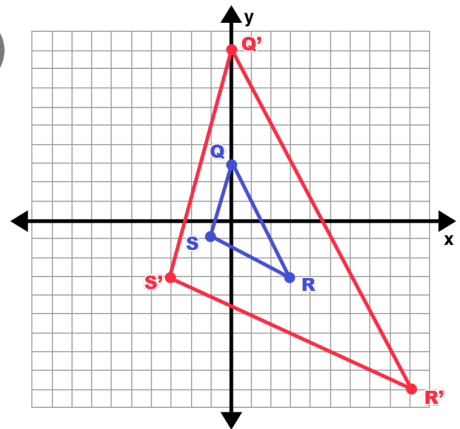


Part II: Write a rule to describe the transformation.

5.)



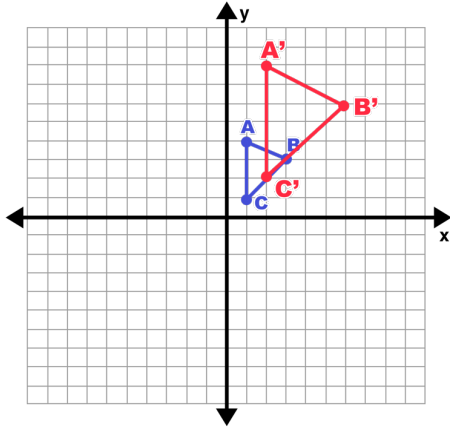
6.)



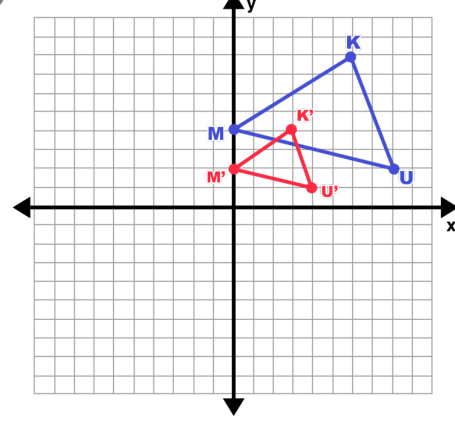
ANSWER KEY

Part I: Graph the image of each figure using the given transformation.

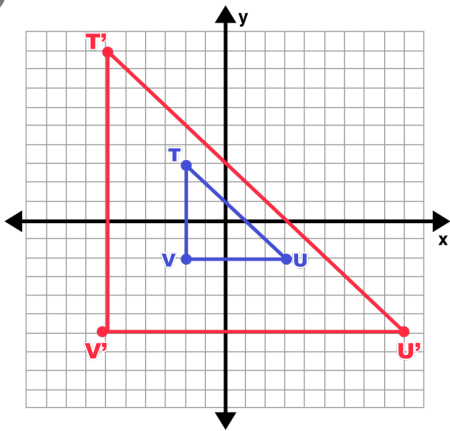
1.) Dilation by a scale factor of 2



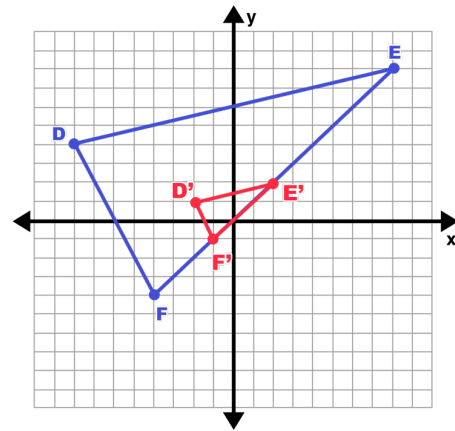
2.) Dilation by a scale factor of 1/2



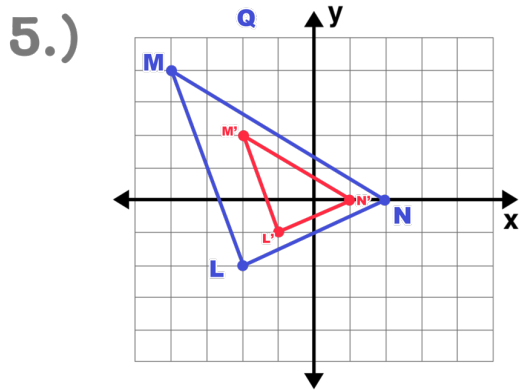
3.) Dilation by a scale factor of 3



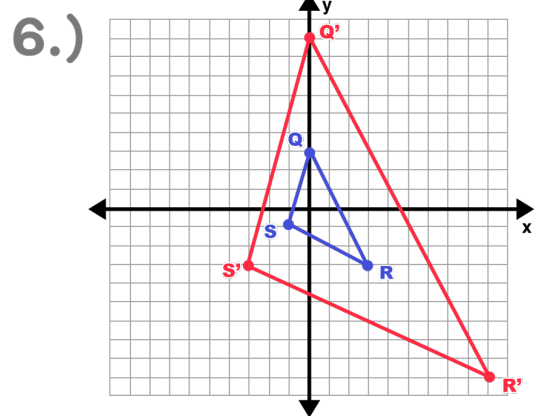
4.) Dilation by a scale factor of 1/4



Part II: Write a rule to describe the transformation.



Dilation by a scale factor of 1/2



Dilation by a scale factor of 3