

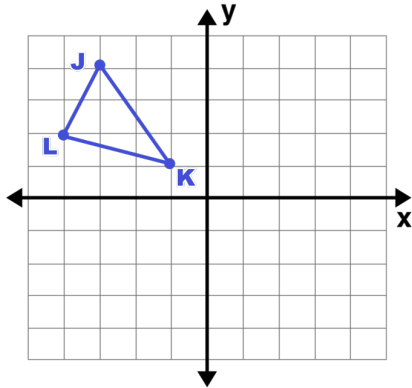
Name: _____



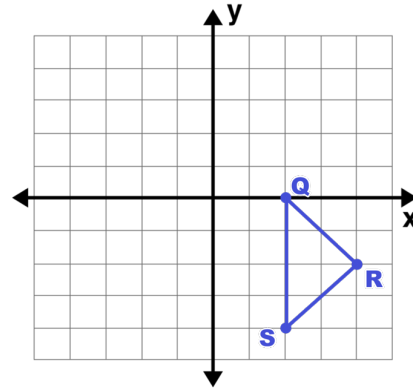
Rotations on the Coordinate Plane

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

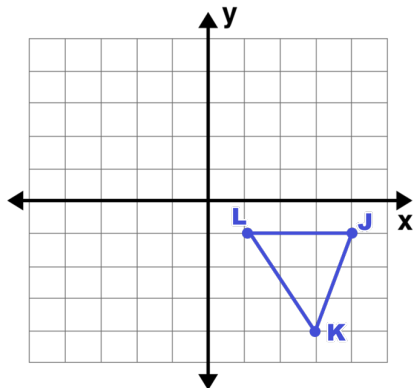
1.) Rotation 90 degrees clockwise about the origin



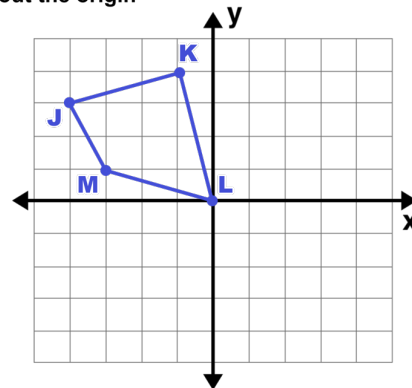
2.) Rotation 180 degrees about the origin



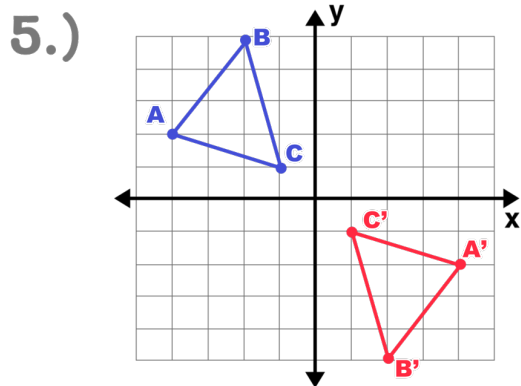
3.) Rotation 270 degrees clockwise about the origin

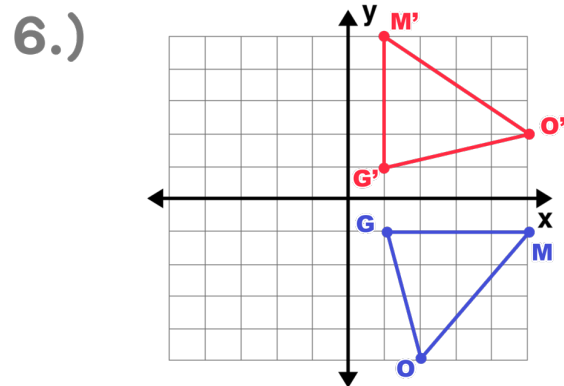


4.) Rotation 90 degrees counter-clockwise about the origin



Part II: Write a rule to describe the transformation.

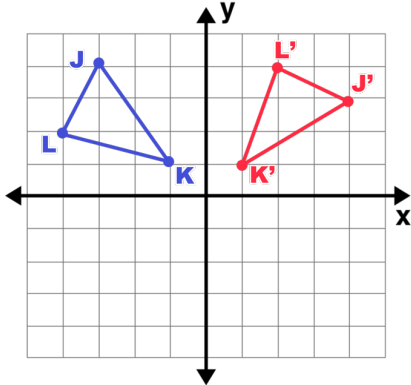




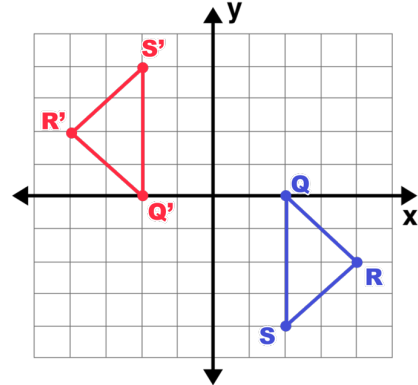
ANSWER KEY

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

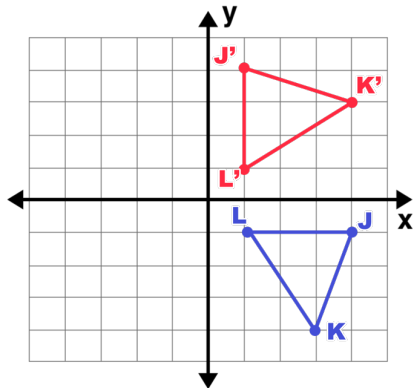
1.) Rotation 90 degrees clockwise about the origin



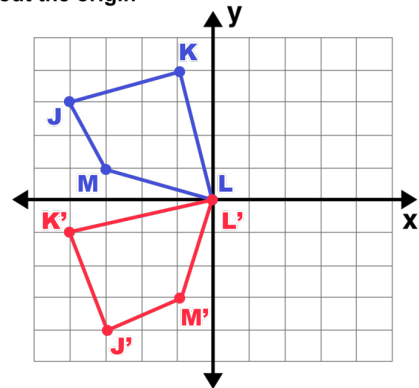
2.) Rotation 180 degrees about the origin



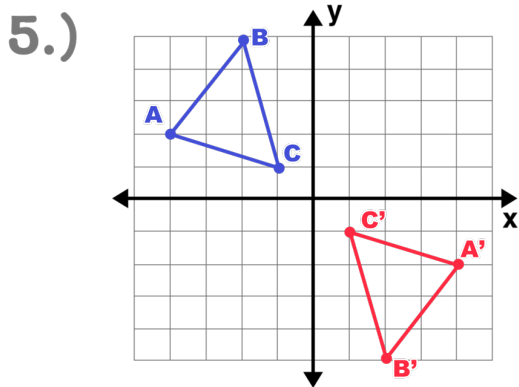
3.) Rotation 270 degrees clockwise about the origin



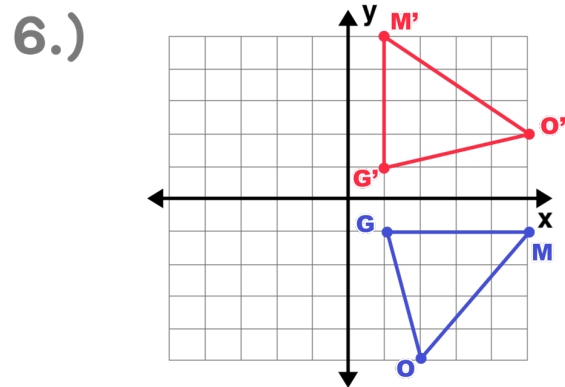
4.) Rotation 90 degrees counter-clockwise about the origin



Part II: Write a rule to describe the transformation.



Rotation 180 degrees about the origin



Rotation 90 degrees counter-clockwise about the origin