

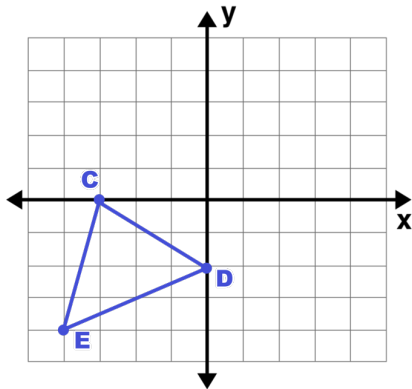
Name: _____



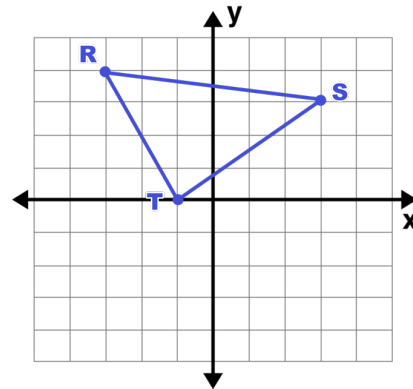
Rotations on the Coordinate Plane

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

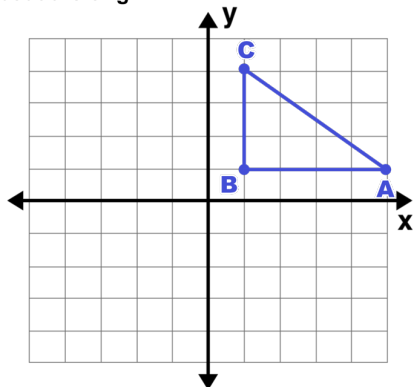
1.) Rotation 90 degrees clockwise about the origin



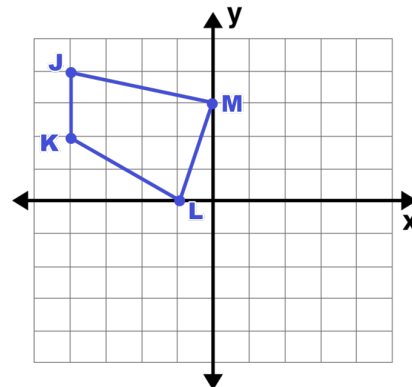
2.) Rotation 180 degrees about the origin



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

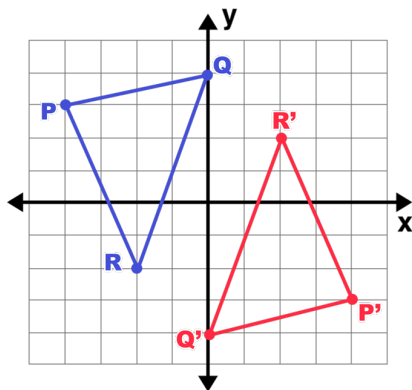


4.) Rotation 270 degrees clockwise about the origin

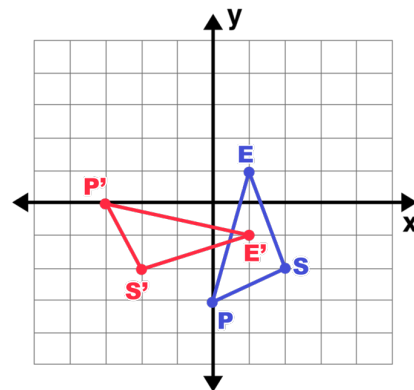


Part II: Write a rule to describe the transformation.

5.)



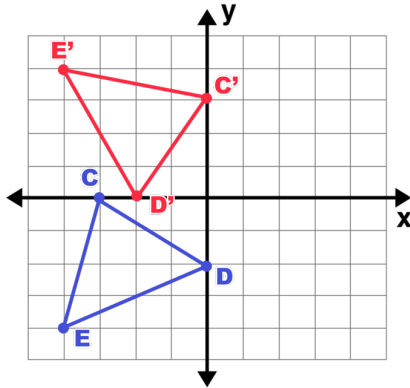
6.)



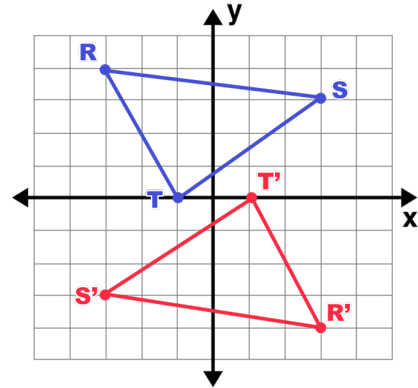
ANSWER KEY

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

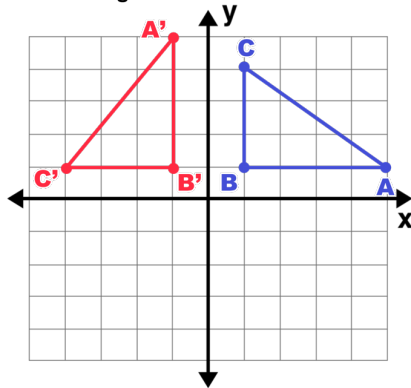
1.) Rotation 90 degrees clockwise about the origin



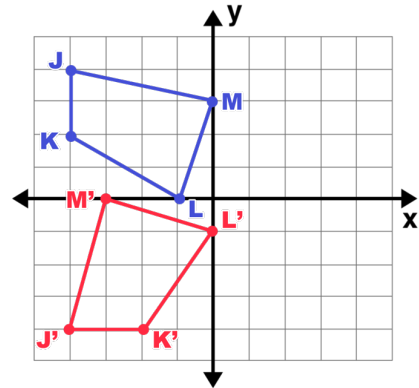
2.) Rotation 180 degrees about the origin



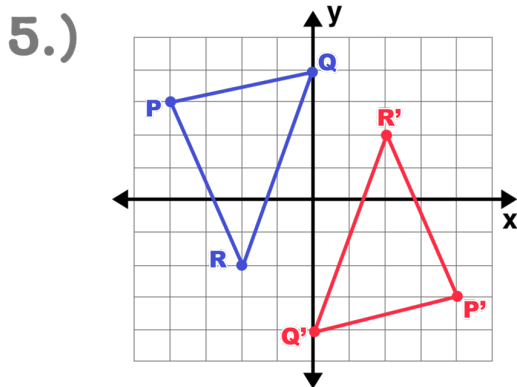
3.) Rotation 90 degrees counter-clockwise about the origin



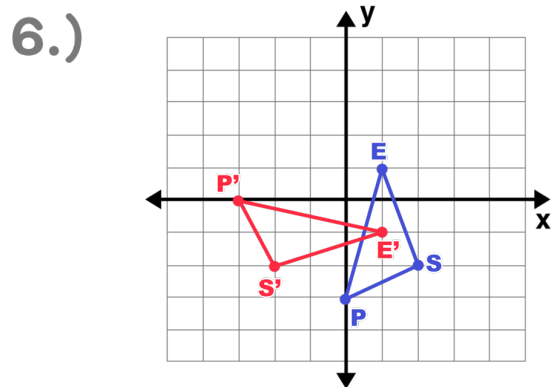
4.) Rotation 270 degrees clockwise about the origin



Part II: Write a rule to describe the transformation.



Rotation 180 degrees about the origin



Rotation 90 degrees clockwise about the origin