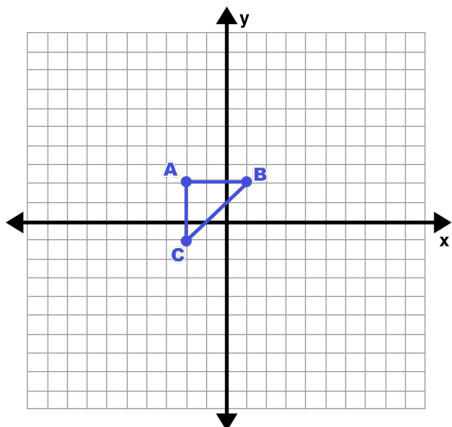Name: _____

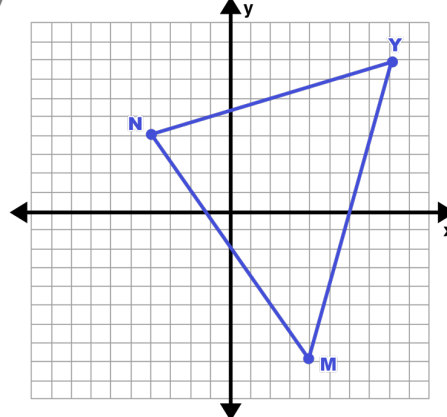# Dilations on the Coordinate Plane

Part I: Graph the image of each figure using the given transformation.
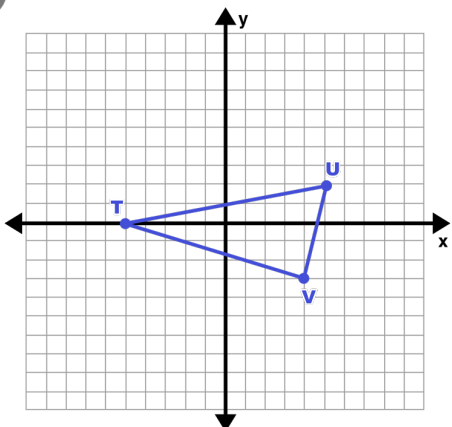
1.) Dilation by a scale factor of 3
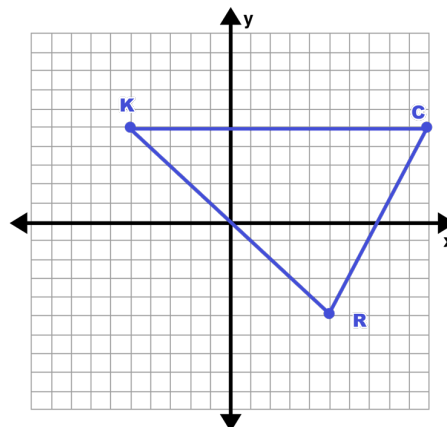
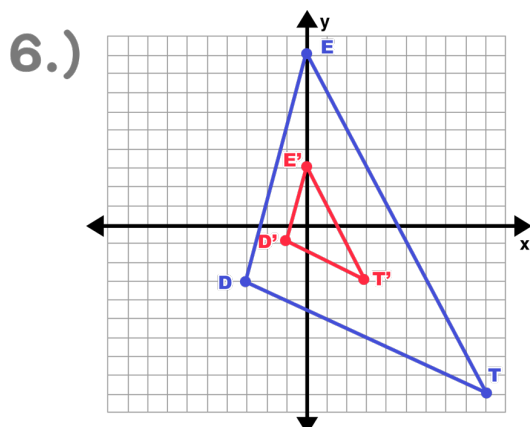**2.)** Dilation by a scale factor of 1/4

3.) Dilation by a scale factor of 2

4.) Dilation by a scale factor of 1/5

Part II: Write a rule to describe the transformation.

5.)

6.)

_____   _____

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

1.) Dilation by a scale factor of 3

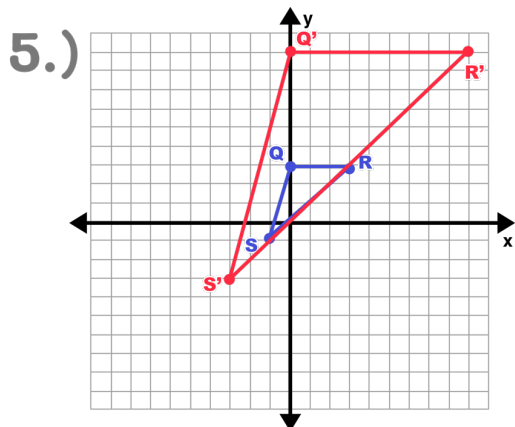
2.) Dilation by a scale factor of 1/4

3.) Dilation by a scale factor of 2

4.) Dilation by a scale factor of 1/5

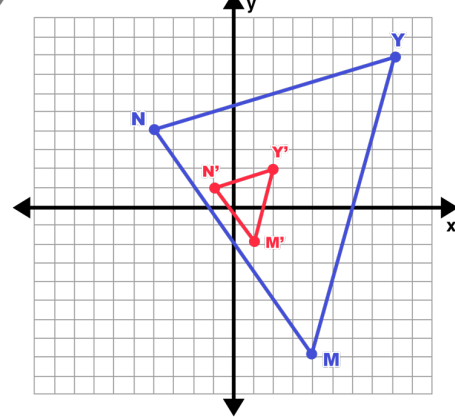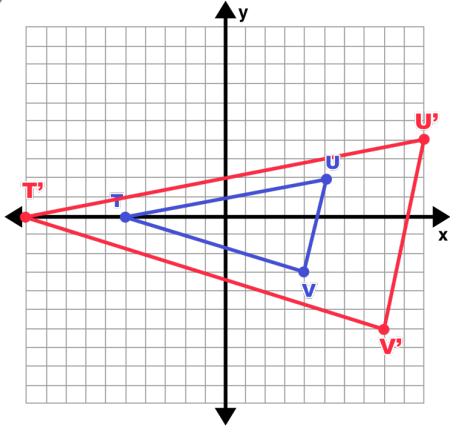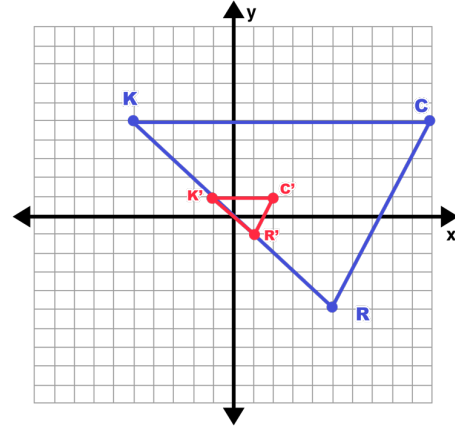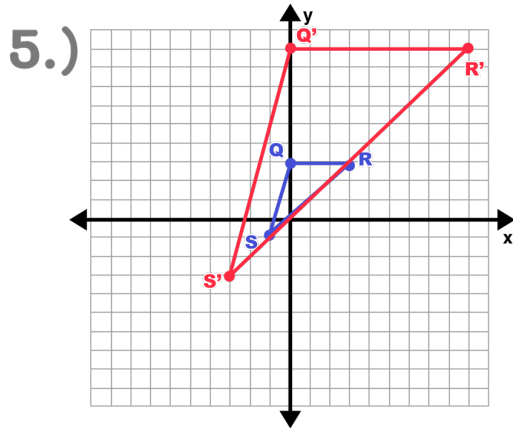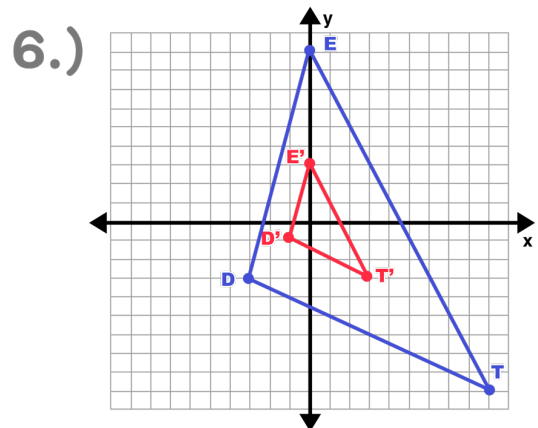**Part II:** Write a rule to describe the transformation.

5.)

Dilation by a scale factor of 3

6.)

Dilation by a scale factor of 1/3