

A dilation

A center of dilation

The figures will be

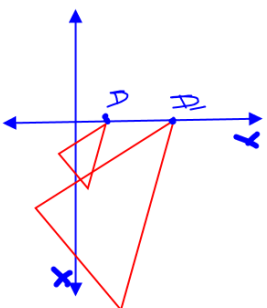
On a graph, when:

Point A (x, y)

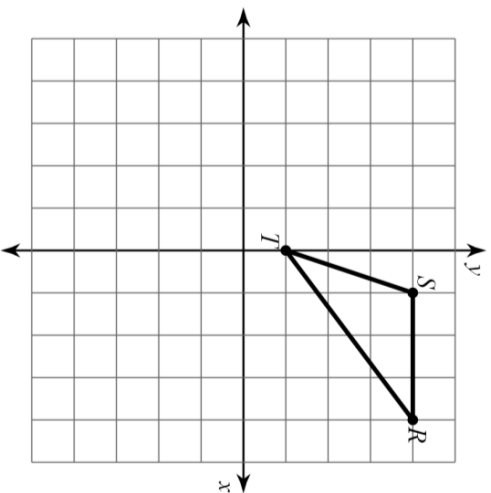
The scale factor

The center of dilation

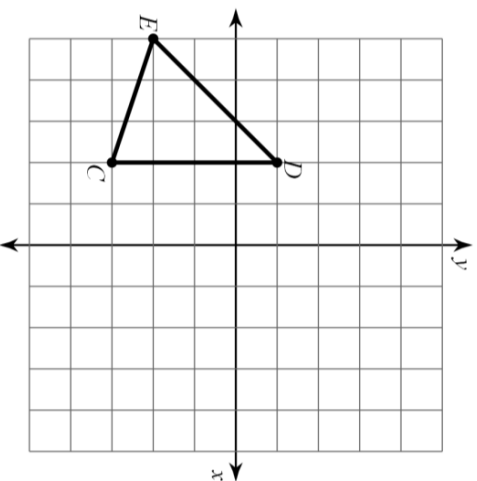
Point A' will have a location



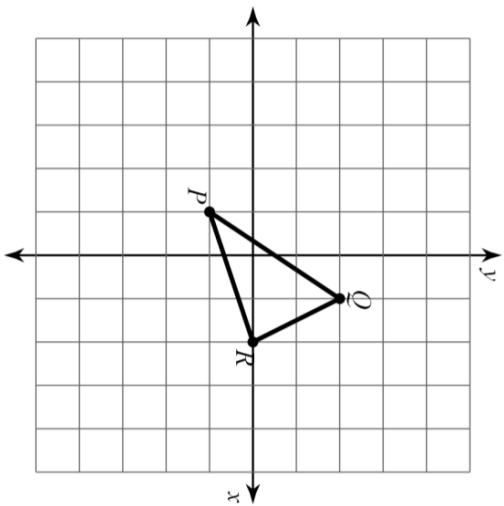
dilation of 0.5



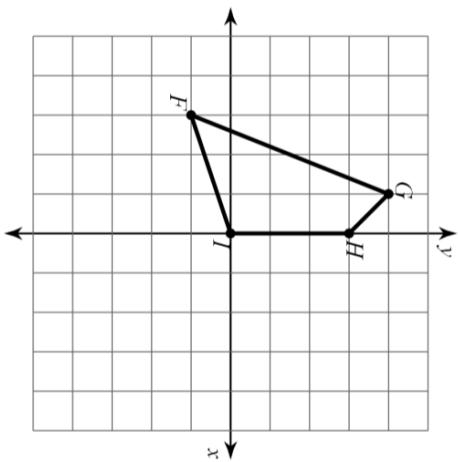
dilation of 0.5



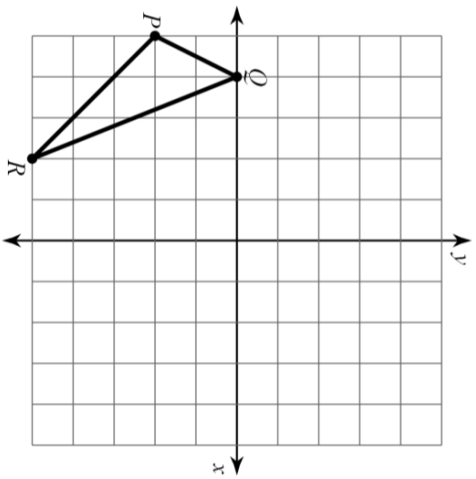
dilation of 2



dilation of $\frac{1}{4}$



dilation of 0.25



dilation of 1.5

