What's the Picture?

	Transform the semicircle using the rule $(x, y) \rightarrow (x, -y)$.
	Triangle ABC is shown on the coordinate grid. Triangle ABC is dilated with the origin as the center of dilation to create triangle $A'B'C'$ which is larger than triangle ABC. Choose the true statement. • Because the scale factor is less than 1, the rule used for the dilation is $(x, y) \rightarrow \left(\frac{1}{2}x, \frac{1}{2}y\right)$. • Because the scale factor is greater than 1, the rule used for the dilation is $(x, y) \rightarrow (2x, 2y)$.
	Each quadrant of the coordinate grid contains a relation. Transform the relation that is NOT a function using the rule $(x, y) \rightarrow (x - 4, y + 5)$.
	Use the rule $(x, y) \rightarrow (\frac{2}{3}x, \frac{2}{3}y)$ to dilate segment FG. The origin is the center of dilation.