1. [8 points] The graph of the function $y = f(x)$ is shown below. Write the letter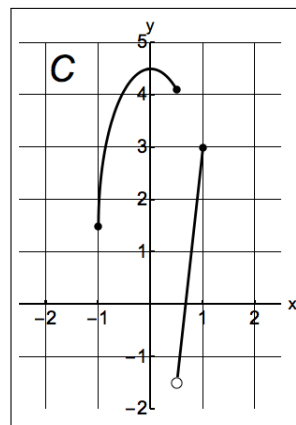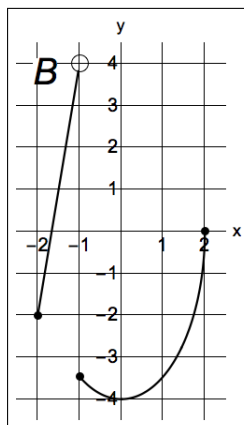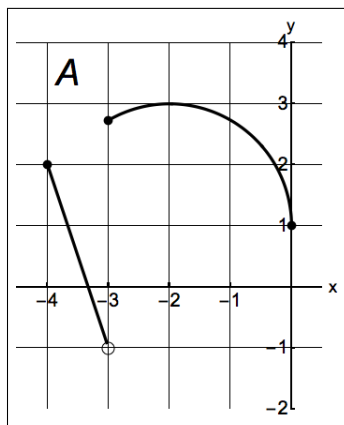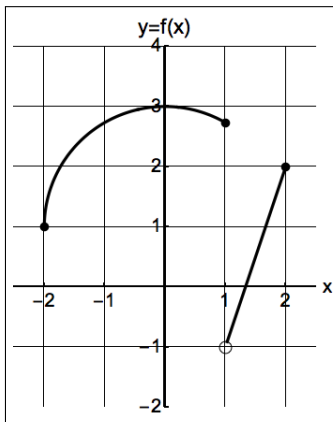 (A-F) of the graph that corresponds to each of the functions listed below. If none of the graphs corresponds to the function write "NONE".
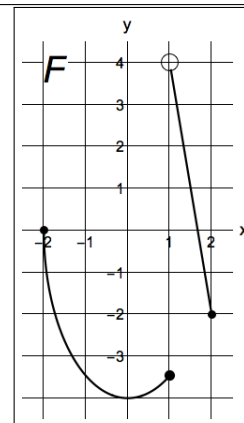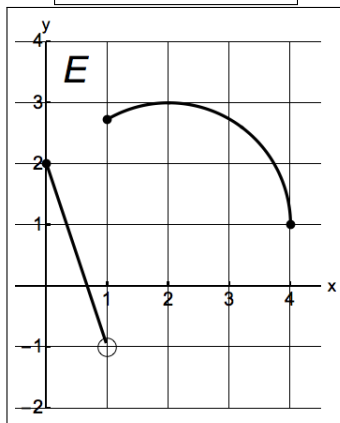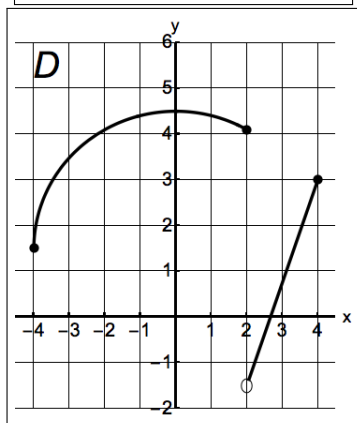
Solution:

$$y = 1.5f(2x) : \mathbf{C} \qquad\qquad\qquad y = f(2 - x) : \mathbf{E}$$

$$y = 1 - 2f(x): \mathbf{None} \qquad\qquad\qquad y = 2(1 - f(x)) : \mathbf{F}$$