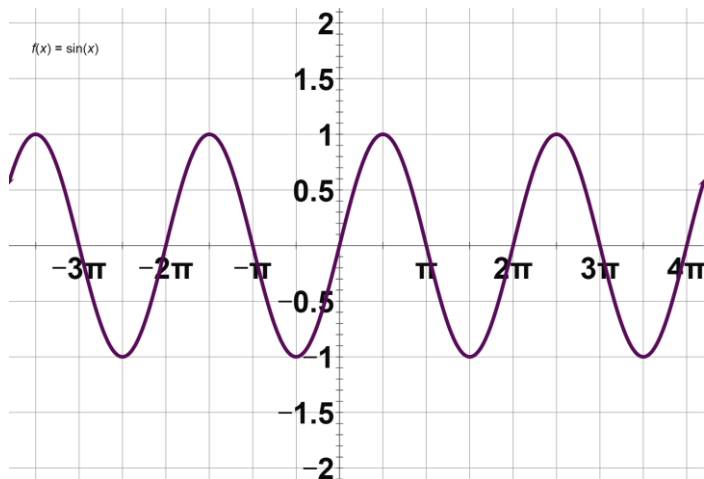


Supp Alg 14.2 Period, Amplitudes and Shifts

Date _____

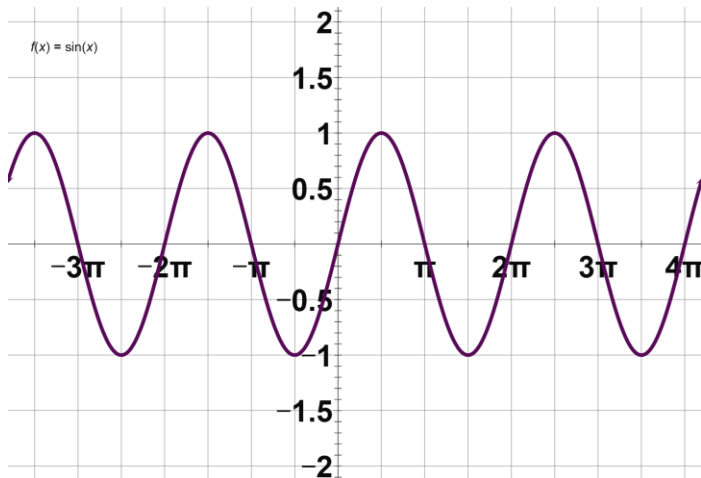
Use a graphing calculator to complete the following.

1. Sketch the graphs of $y = \sin 2\theta$, $y = \sin 0.5\theta$ using different colors and label the graph with the equation.



- b). Describe the transformations that occurred.

2. a). Sketch the graph of $y = \sin \frac{1}{4}\theta$ using a different color. $y = \sin 4\theta$ using a different color.



- b). Describe the transformation that occurred.