

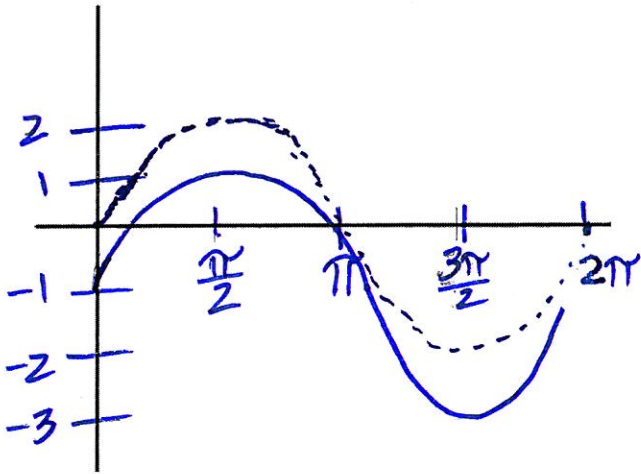
*AAT

Chapter 6: Exploration- What's Your Sine (IC)

Name: Key
Date: _____ Period: _____

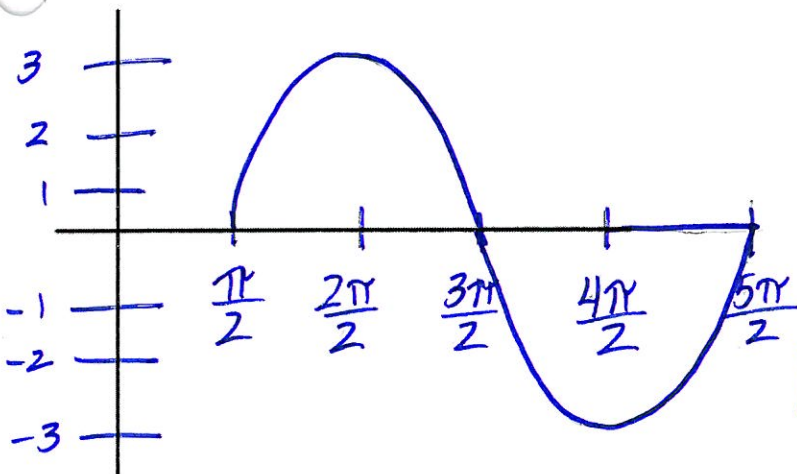
Sketch the graph of each sine function by transforming the sine function from $y = \sin \theta$.

1. $y = 2 \sin \theta - 1$



amp: 2
Per: $\frac{2\pi}{1} = 2\pi$
P.S.: 0
d: -1

2. $y = 3 \sin \left(\theta - \frac{\pi}{2} \right)$



amp: 3
Per: $\frac{2\pi}{1} = 2\pi$
P.S.: $\frac{\pi}{2}$

$$0 \leq \theta - \frac{\pi}{2} \leq 2\pi$$

$$\frac{\pi}{2} \leq \theta \leq \frac{5\pi}{2}$$