

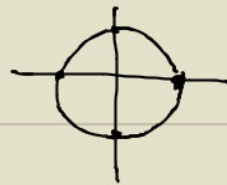
$$3. \quad y = 5 \sin(\pi x - 3) - 2$$

$$= 5 \sin\left[\pi\left(x - \frac{3}{\pi}\right)\right] - 2$$

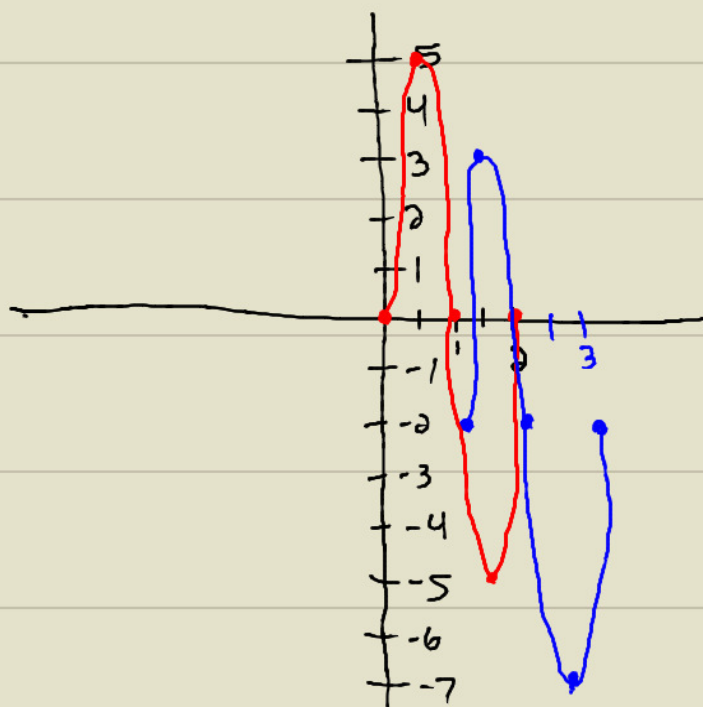
RIGHT $\frac{3}{\pi}$ DOWN 2
 ≈ 1

$$y = 5 \sin(\pi x)$$

$$|a| = |5| = 5 \quad \text{PERIOD} = \frac{2\pi}{b} = \frac{2\pi}{\pi} = 2$$



X	Y = 5 sin(πX)
0	5 sin(π · 0) = 5 sin(0) = 5(0) = 0
$\frac{1}{4}P$	5 sin(π · $\frac{1}{2}$) = 5 sin($\frac{\pi}{2}$) = 5(1) = 5
$\frac{1}{2}P$	5 sin(π · 1) = 5 sin(π) = 5(0) = 0
$\frac{3}{4}P$	5 sin(π · $\frac{3}{2}$) = 5 sin($\frac{3\pi}{2}$) = 5(-1) = -5
P	5 sin(π · 2) = 5 sin(2π) = 5(0) = 0



R1 02