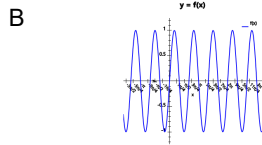
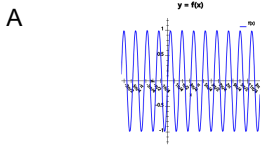




Sinusoidal Function Parameters (2 Params) - Function to Graph

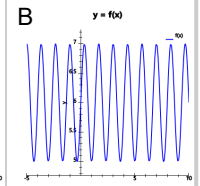
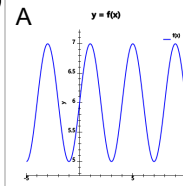
1 Which graph shows a sinusoidal function with this period?

$$f(x) = \sin(3x + 4\pi)$$



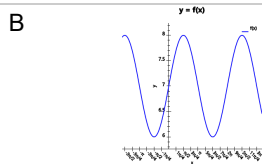
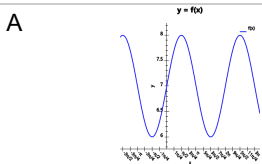
2 Which graph shows a sinusoidal function with this period?

$$f(x) = \sin\left(\frac{1}{2}\pi x\right) + 6$$



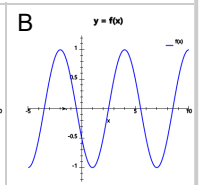
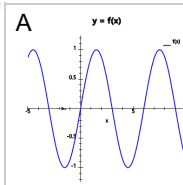
3 Which graph shows a sinusoidal function with this phase shift?

$$f(x) = \sin(x + 6\pi) + 7$$



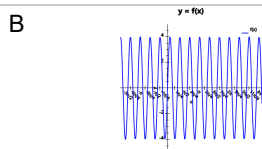
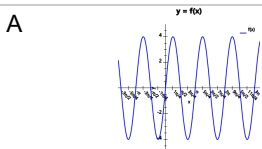
4 Which graph shows a sinusoidal function with this phase shift?

$$f(x) = \cos\left(\frac{1}{3}\pi x + 6\pi\right)$$



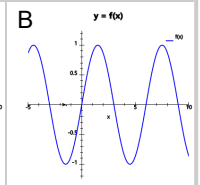
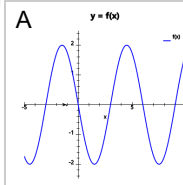
5 Which graph shows a sinusoidal function with this period?

$$f(x) = 4\cos(2x)$$



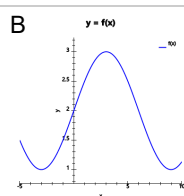
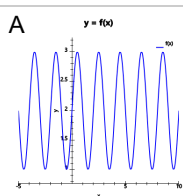
6 Which graph shows a sinusoidal function with this amplitude?

$$f(x) = -2\sin\left(\frac{1}{3}\pi x\right)$$



7 Which graph shows a sinusoidal function with this period?

$$f(x) = \sin\left(\frac{1}{6}\pi x\right) + 2$$



8 Which graph shows a sinusoidal function with this vertical shift?

$$f(x) = \cos(x + 7\pi) + 4$$

