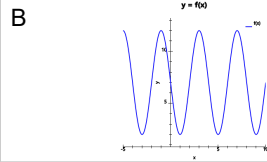
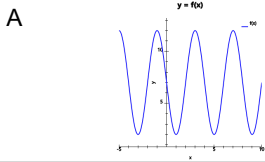


## Sinusoidal Function Parameters (4 Params) - Function to Graph

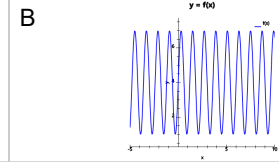
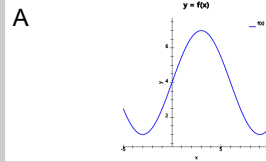
1 Which graph shows a sinusoidal function with this phase shift?

$$f(x) = -5 \sin\left(\frac{1}{2}\pi x + 4\pi\right) + 7$$



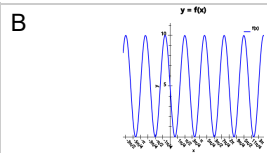
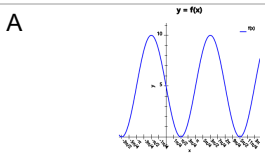
2 Which graph shows a sinusoidal function with this period?

$$f(x) = 3 \sin\left(\frac{1}{6}\pi x + 6\pi\right) + 4$$



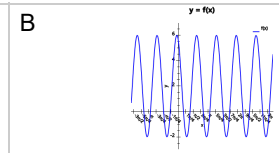
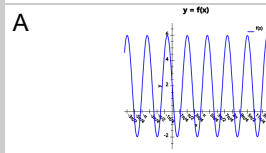
3 Which graph shows a sinusoidal function with this period?

$$f(x) = -5 \cos(3x + 4\pi) + 5$$



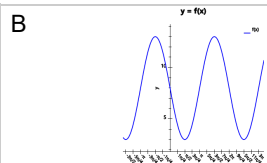
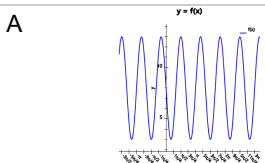
4 Which graph shows a sinusoidal function with this phase shift?

$$f(x) = -4 \sin(3x + 8\pi) + 2$$



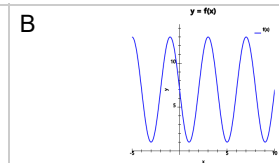
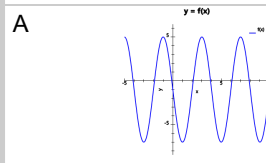
5 Which graph shows a sinusoidal function with this period?

$$f(x) = -5 \cos(3x + 6\pi) + 8$$



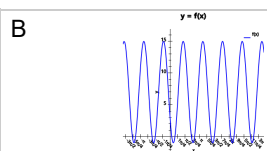
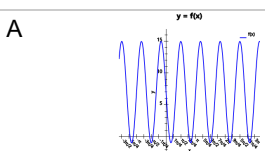
6 Which graph shows a sinusoidal function with this vertical shift?

$$f(x) = -6 \sin\left(\frac{1}{2}\pi x + 2\pi\right) + 7$$



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

$$f(x) = 8 \cos(3x + 5\pi) + 7$$



8 Which graph shows a sinusoidal function with this amplitude?

$$f(x) = 3 \cos\left(\frac{1}{3}\pi x + 4\pi\right) + 8$$

