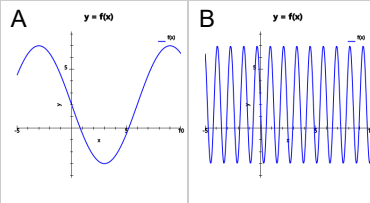


Sinusoidal Function Parameters (3 Params) - Function to Graph

1

Which graph shows a sinusoidal function with this period?

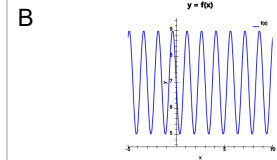
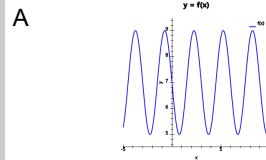
$$f(x) = -5 \sin\left(\frac{1}{6}\pi x\right) + 2$$



2

Which graph shows a sinusoidal function with this period?

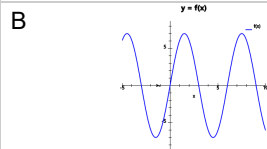
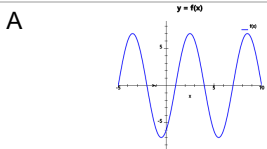
$$f(x) = -2 \cos\left(\frac{2}{3}\pi x\right) + 7$$



3

Which graph shows a sinusoidal function with this phase shift?

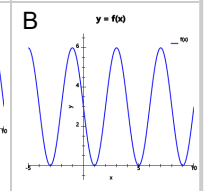
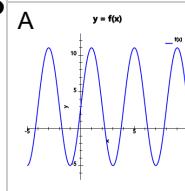
$$f(x) = 7 \cos\left(\frac{1}{3}\pi x + 6\pi\right)$$



4

Which graph shows a sinusoidal function with this amplitude?

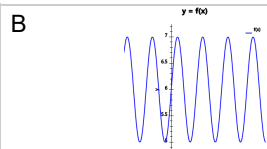
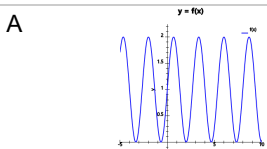
$$f(x) = 8 \cos\left(\frac{1}{2}\pi x\right) + 3$$



5

Which graph shows a sinusoidal function with this vertical shift?

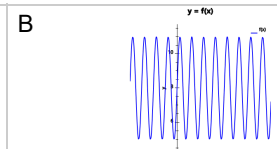
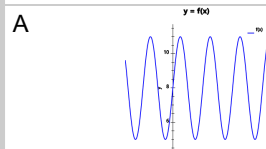
$$f(x) = \cos\left(\frac{3}{4}\pi x + 4\pi\right) + 6$$



6

Which graph shows a sinusoidal function with this period?

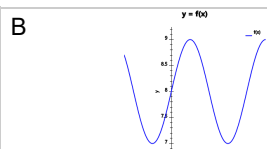
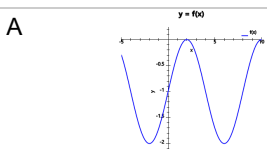
$$f(x) = 3 \sin(2x) + 8$$



7

Which graph shows a sinusoidal function with this vertical shift?

$$f(x) = \cos\left(\frac{1}{4}\pi x + 6\pi\right) + 8$$



8

Which graph shows a sinusoidal function with this period?

$$f(x) = \sin\left(\frac{1}{2}\pi x + 5\pi\right) + 3$$

