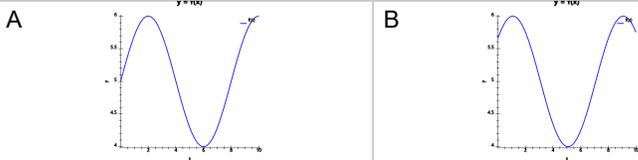


Sinusoidal Function Parameters (3 Params) - Function to Graph

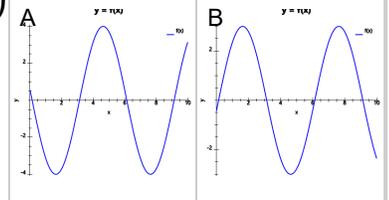
1 Which graph shows a sinusoidal function with this phase shift?

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



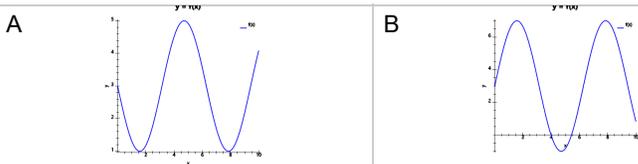
2 Which graph shows a sinusoidal function with this amplitude?

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



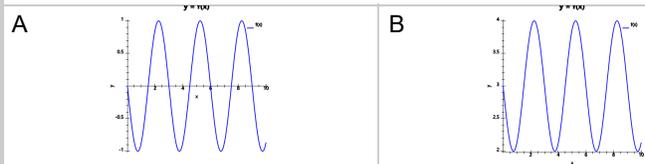
3 Which graph shows a sinusoidal function with this amplitude?

$$f(x) = 4 \sin(x + 6\pi) + 3$$



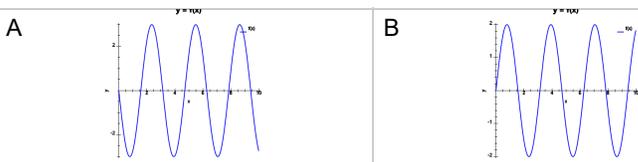
4 Which graph shows a sinusoidal function with this vertical shift?

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



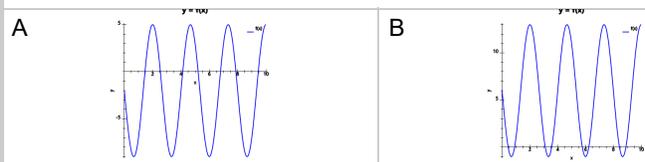
5 Which graph shows a sinusoidal function with this amplitude?

$$f(x) = -3 \cos(2x + 6\pi)$$



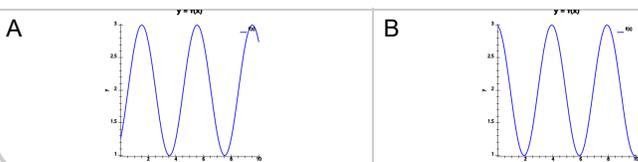
6 Which graph shows a sinusoidal function with this vertical shift?

$$f(x) = -7 \cos\left(\frac{3}{4}\pi x\right) + 6$$



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

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



8 Which graph shows a sinusoidal function with this period?

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

