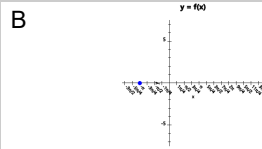
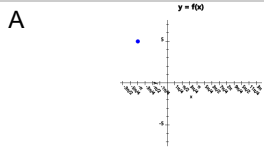




## Sinusoidal Function Parameters (3 Params) - Function and X Value to Y Value

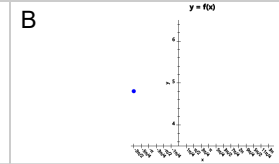
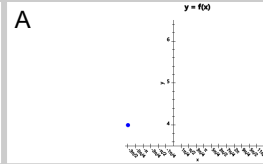
1 Which graph shows the value of this function at  $x = -\pi$ ?

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



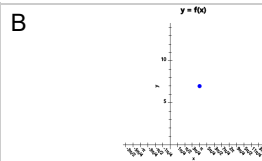
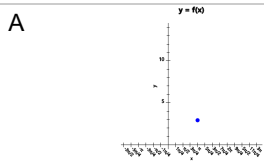
2 Which graph shows the value of this function at  $x = -3\pi/2$ ?

$$f(x) = \sin(3x + 6\pi) + 5$$



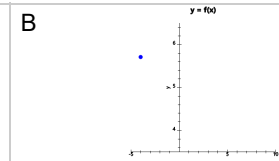
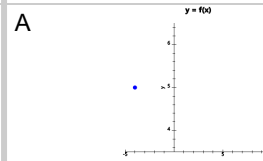
3 Which graph shows the value of this function at  $x = \pi$ ?

$$f(x) = -5 \sin(2x) + 7$$



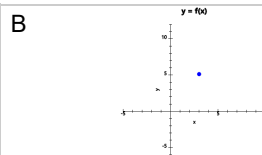
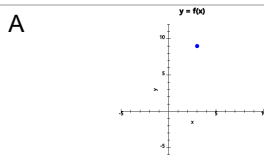
4 Which graph shows the value of this function at  $x = -4$ ?

$$f(x) = \sin\left(\frac{1}{4}\pi x + 3\pi\right) + 5$$



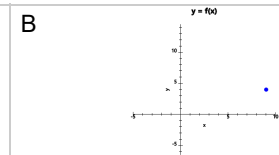
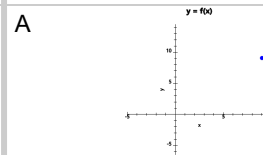
5 Which graph shows the value of this function at  $x = 3$ ?

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



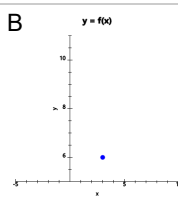
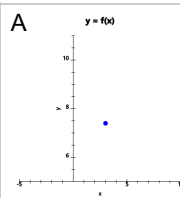
6 Which graph shows the value of this function at  $x = 9$ ?

$$f(x) = -7 \cos\left(\frac{1}{6}\pi x\right) + 4$$



7 Which graph shows the value of this function at  $x = 3$ ?

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



8 Which graph shows the value of this function at  $x = \pi/2$ ?

$$f(x) = -5 \sin(3x) + 7$$

