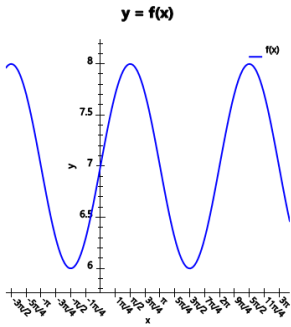




Sinusoidal Function Parameters (1 Param) - Graph to Function

1 Which function would have a graph with this vertical shift?



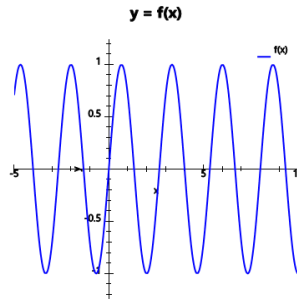
A $f(x) = \cos(x) + 1$

B $f(x) = \cos(x)$

C $f(x) = \cos(x) + 2$

D $f(x) = \cos(x) + 7$

2 Which function would have a graph with this period?



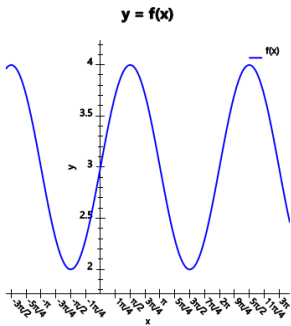
A $f(x) = \sin(\frac{3}{4}\pi x)$

B $f(x) = \sin(\frac{6}{4}\pi x)$

C $f(x) = \sin(\frac{7}{4}\pi x)$

D $f(x) = \sin(\frac{5}{4}\pi x)$

3 Which function would have a graph with this vertical shift?



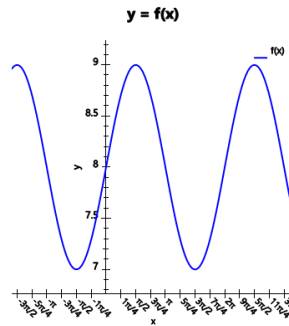
A $f(x) = \cos(x) - 2$

B $f(x) = \cos(x)$

C $f(x) = \cos(x) + 3$

D $f(x) = \cos(x) - 3$

4 Which function would have a graph with this vertical shift?



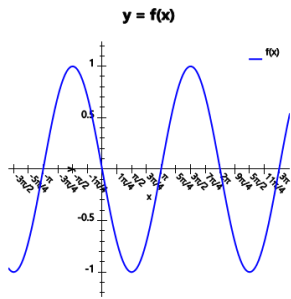
A $f(x) = \sin(x) - 4$

B $f(x) = \sin(x) + 8$

C $f(x) = \sin(x) + 1$

D $f(x) = \sin(x) - 5$

5 Which function would have a graph with this phase shift?



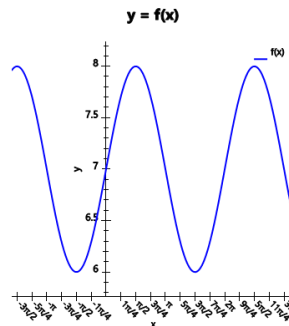
A $f(x) = \sin(x - \frac{1}{6}\pi)$

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

C $f(x) = \sin(x - \frac{5}{6}\pi)$

D $f(x) = \sin(x + \frac{1}{6}\pi)$

6 Which function would have a graph with this vertical shift?



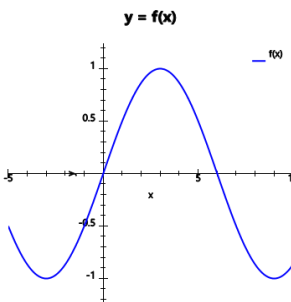
A $f(x) = \sin(x) - 1$

B $f(x) = \sin(x) + 7$

C $f(x) = \sin(x) - 3$

D $f(x) = \sin(x) + 1$

7 Which function would have a graph with this period?



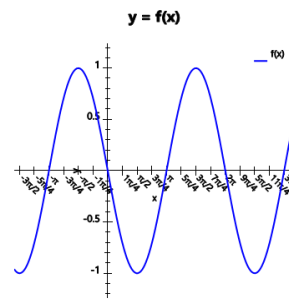
A $f(x) = \cos(\frac{5}{6}\pi x)$

B $f(x) = \cos(\frac{4}{6}\pi x)$

C $f(x) = \cos(\frac{8}{6}\pi x)$

D $f(x) = \cos(\frac{1}{6}\pi x)$

8 Which function would have a graph with this phase shift?



A $f(x) = \sin(x - \frac{3}{6}\pi)$

B $f(x) = \sin(x)$

C $f(x) = \sin(x - \frac{1}{6}\pi)$

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