



1. Identify the amplitude and period of

1. $y = \sin 4x$

amplitude :

period :

°

2. $y = \cos 5x$

amplitude :

period :

°

3. $y = 4 \cos 4x$

amplitude :

period :

°

4. $y = 2 \cos(-4x)$

amplitude

period :

°

5. $y = -2 \sin x$

amplitude :

period :

°



2. Identify the amplitude and period of

$$y = -\cos(2x)$$

- amplitude 2 1 -0.5 -1
-

$$y = 3\sin(5x)$$

- amplitude 5 15 3 2
-

$$y = 2\cos x + 1$$

- amplitude 3 -2 -1 2
-

$$y = 0.5\sin x - 3$$

- amplitude 1.5 0.5 -2.5 6
-

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

period

- 3 $\frac{1}{2}$ 4 $\frac{4}{3}$
-

amplitude

- 7 1 4 3
-

$$f(x) = -10\cos\left(2x + \frac{\pi}{2}\right)$$

period

- 2π (a) π (b) -10 (c) 5 (d)
-

amplitude

- 10 (a) 5 (b) 10 (c) 6 (d)
-