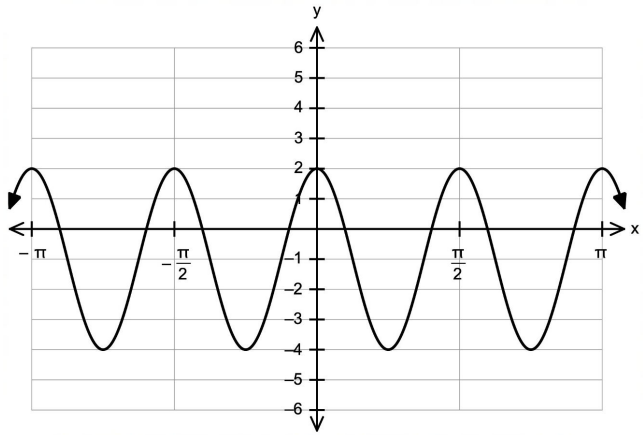
0

Which trigonometric function has the following characteristics

- A cosine function
- Amplitude of 3
- Period of $\pi/2$
- Midline $y = -1$
- Passes through (0, 2)

A

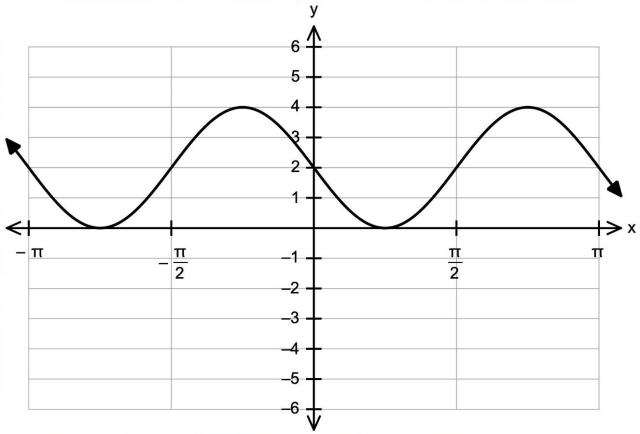


1

Which trigonometric function has the following characteristics

- A y-intercept of 2
- Amplitude of 2
- One full cycle from 0 to π
- Maximum at 4
- Minimum at 0

E

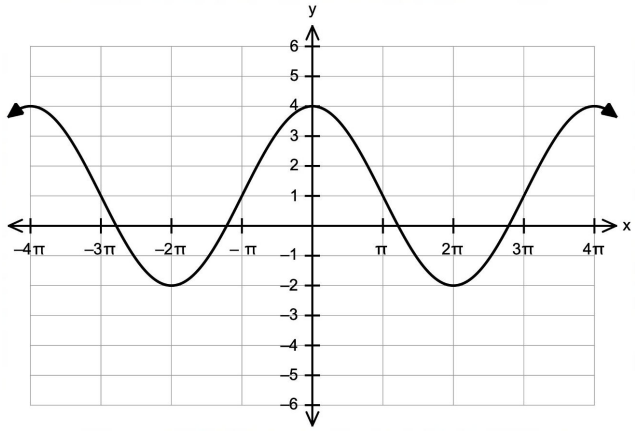


2

Which trigonometric function has the following characteristics

- A cosine function
- Passes through (0, 4)
- Maximum at 4
- Decreasing from 0 to 2π
- Amplitude of 3

B

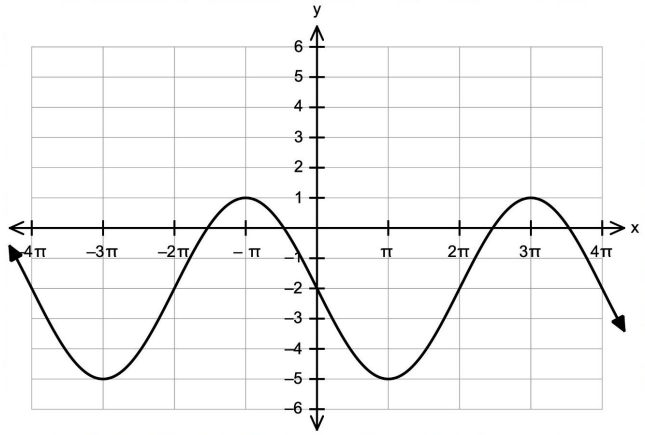


3

Which trigonometric function has the following characteristics

- Midline at y = -2
- Amplitude of 3
- One full cycle from 0 to 4π

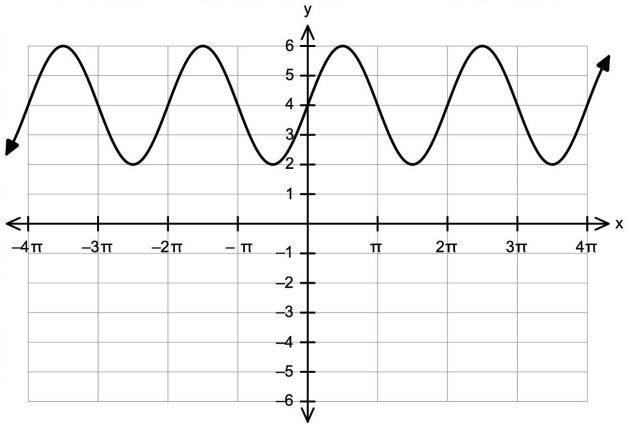
F



4

$$y = 2\sin(x) + 4$$

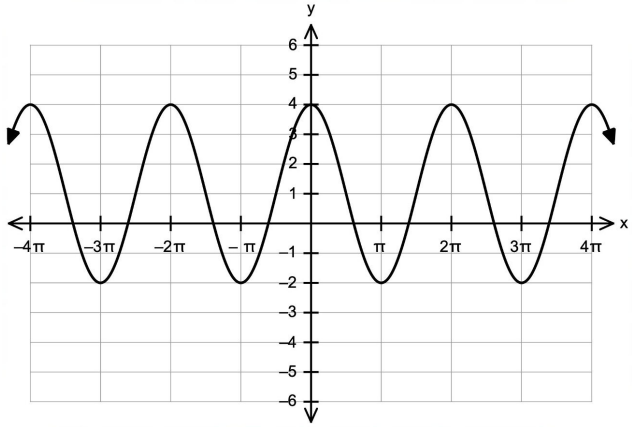
I



5

$$y = 3\cos(x) + 1$$

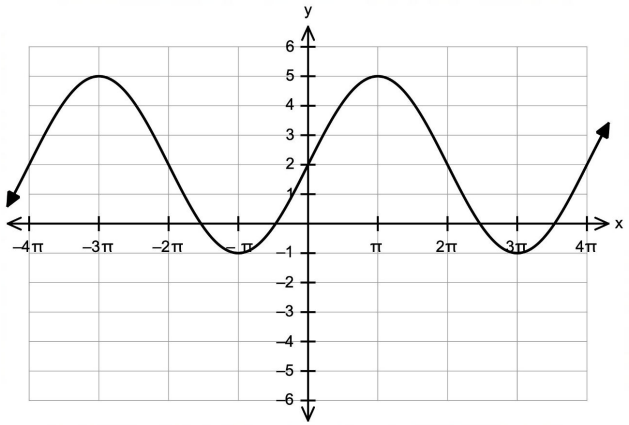
C



6

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

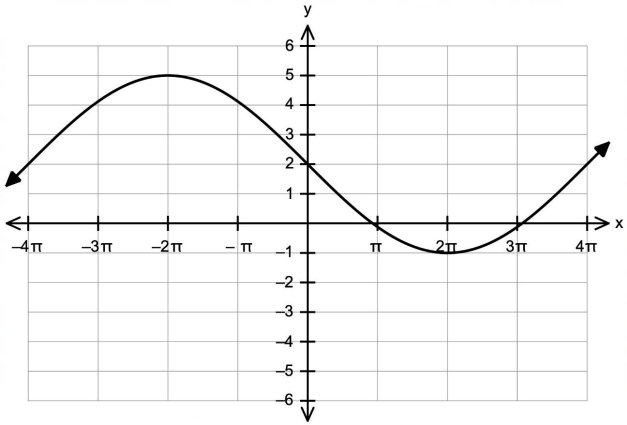
J



7

$$y = -3\sin\left(\frac{1}{4}x\right) + 2$$

D

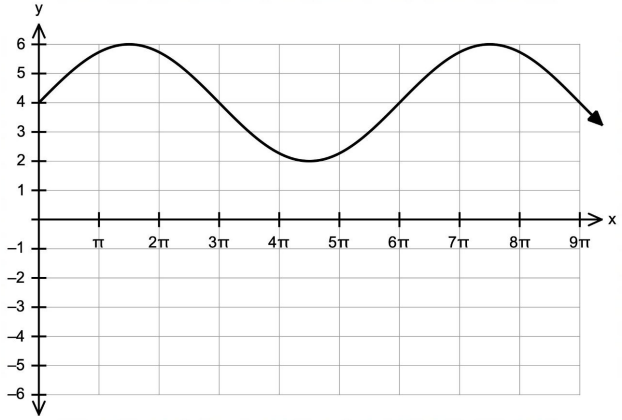


8

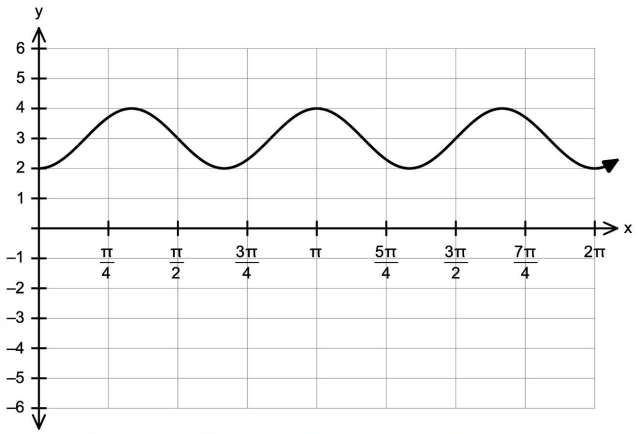
Which trigonometric function has the following characteristics

- Passes through (0, 4)
- One full cycle from 0 to 6π
- Amplitude of 2

H



9

$$y = -\cos(3x) + 3$$

G