

Answer on Question #58629 – Math – Trigonometry

Question

Which of the following functions illustrates a *phase shift*?

$$y = 1 + \sin x$$

$$y = 3\cos 4x$$

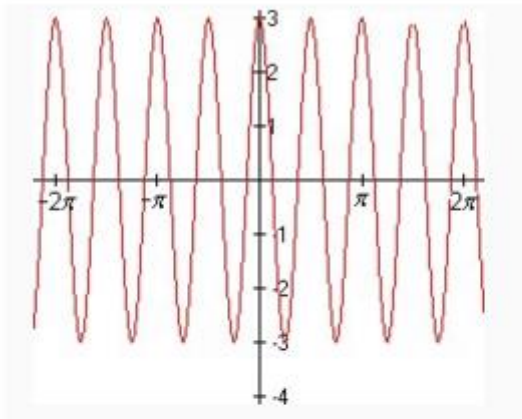
$$y = -2 - \cos(x - \pi)$$

$$y = \tan 2x$$

Answer: $y = -2 - \cos(x - \pi)$.

Question

Which function has the graph shown?



$$y = \tan 2x$$

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

$$y = 1 + \sin x$$

$$y = 3\cos 4x$$

Answer: $y = 3\cos(4x)$.