

Trig Functions

1. What is $\cos(0.4)$? Use radians.
2. Write a formula for a sine function that has an amplitude of 3 and a period of 4.
3. What is the period of $\sin(2x + 1)$?
4. What is the period of $\cos(2x + 1)$?
5. What is the period of $\cos(2x + 11)$?
6. Solve for x : $\cos(x) = .9$.
7. Solve for x : $\cos(x) = x$.
8. Write a formula for a sine function that has an amplitude of 3, a period of 4 and a value of 0.7 at $t = 0$.