

Download Root X Derivative

In mathematics and computing, a root-finding algorithm is an algorithm for finding roots of continuous functions. A root of a function f , from the real numbers to real numbers or from the complex numbers to the complex numbers, is a number x such that $f(x) = 0$. Differentiation. Differentiation is the action of computing a derivative. The derivative of a function $y = f(x)$ of a variable x is a measure of the rate at which the value y of the function changes with respect to the change of the variable x . The Derivative Calculator lets you calculate derivatives of functions online — for free! Our calculator allows you to check your solutions to calculus exercises. Derivative Rules. The Derivative tells us the slope of a function at any point. There are rules we can follow to find many derivatives. For example: