

Openstax Calculus Volume 1. Find the secant line between the given values of x for each function. Use Equation 3.1.

Equation 3.1 is the difference quotient formula

$$Q = \frac{f(x_2) - f(x_1)}{x_2 - x_1}$$

§3.1 #7. $f(x) = \sqrt{x}$; $x_1 = 1$, $x_2 = 16$