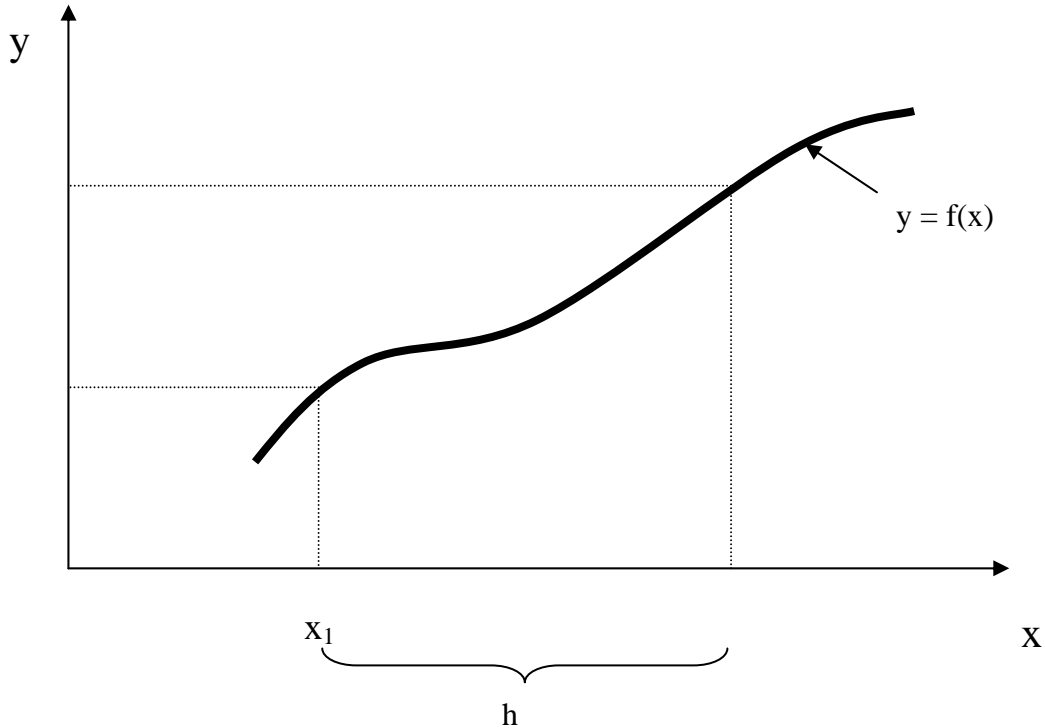


Slope of the Secant Version h



1. Label $x_1 + h$ on the x-axis.
2. Label $f(x_1)$ and $f(x_1 + h)$ on the y-axis.
3. Label the points $(x_1, f(x_1))$ and $(x_1 + h, f(x_1 + h))$ on the graph.
4. Draw the secant line connecting the points labeled in #3.
5. Write an expression for the slope of this secant line and simplify it.

$$m = \underline{\hspace{10em}}$$

Reminder: the slope of the secant of a function is the average rate of change of the function over the interval $[x_1, x_1 + h]$.