

Slope rate of change; rise over run; change in “y” divided by the change in “x”;

$$m = \frac{(y_2 - y_1)}{(x_2 - x_1)}$$

the “m” in $y = m x + b$; how far a graph goes up and over from one point to another

Slope – the ratio of rise to run for a line in the coordinate plane. The slope of a line described by $f(x) = mx + b$ is m .

Slope of the Tangent Line – the slope of the line that is tangent to the function graph at a certain point $(c, f(c))$. (The line that passes through the point $(c, f(c))$ with slope $f'(c)$ is called the tangent line at the point $(c, f(c))$).