$$y = (m \times x) + b$$

Where:

$y =$ The calculated dependent variable

$m =$ The slope of the line; i.e. the change in y per unit change in x

Stated mathematically $m = \dfrac{\Delta y}{\Delta x}$

$x =$ The independent variable

$b =$ The y axis intercept when x is equal to zero

Stated mathematically $b = y - (m \times x)$, calculated using a known value of x and y for a given point on the line