

Chapter 13

Inverse - the opposite

Equation - Numeric $6 + 7 = 13$; Algebraic $3 + y = 8$

Coordinate plane - a graph with 4 quadrants

Ordered pair - a point on graph plotted (x, y)

function - an input - output relation example $x + 5 = y$

function table - ex.

x	y

input the x value; **output** the y value

rate of change - the difference between the y and x values.

$$\text{rate of change} = \frac{\text{y values}}{\text{x values}}$$

Inequality - two values are not equal. Uses symbols $<$, $>$ or $\leq$, $\geq$

linear equation - forms a straight line.

slope - $\frac{\text{rise}}{\text{run}}$