**Vocabulary**

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| **domain** | the set of input values or *x*-values of a function |
| **function** | a relationship between variables that has one output for each and every input |
| **linear**  **function** | a function in which the highest power associated with the independent variable is 1 |
| **linear**  **function** | a function that is represented by a line when graphed on a Cartesian plane |
| **range** | the set of output values or *y*-values of a function |
| **slope** | a ratio of the rate at which the dependent variable is changing versus the rate at which the independent variable is changing; frequently expressed as , or |
| ***y*-intercept** | the point on the *y*-axis at which a function crosses the *y*-axis |
| **slope-intercept**  **form** | the form *y = mx + b* of a linear equation, where *m* represents the slope of the line and *b* represents its  *y*-intercept |
| **absolute value** | the distance a number is from zero on a number line; the value of a number ignoring its sign (+ or −) |
| **origin** | the point of intersection of the *x*-axis and *y*-axis on a Cartesian plane |