

3) Define the word “slope.”

$$\frac{RISE}{RUN} = \frac{CHANGE\ in\ Y}{CHANGE\ in\ X}$$

**Definitions**

<b>Parallel</b>	<p>Two lines in space that <b>Run alongside each other</b>.</p> <p>They will never <b>intersect</b>.</p> <p>Their functions have the <b>same slope</b>.</p>	
<b>Perpendicular</b>	<p>Two lines in space that <b>intersect at right angles</b>.</p> <p>In a graph, right angles look like <b>a small square</b>.</p> <p>Their functions' slopes <b>are negative reciprocals</b>.</p>	
<b>Reciprocal</b>	<p>For number <b>x</b>, the reciprocal is <math>\frac{1}{x}</math>.</p> <p><b>Divide</b> 1 by <b>x</b>.</p> <p>Flip the fraction over the <b>fraction bar (dividing line)</b>.</p>	