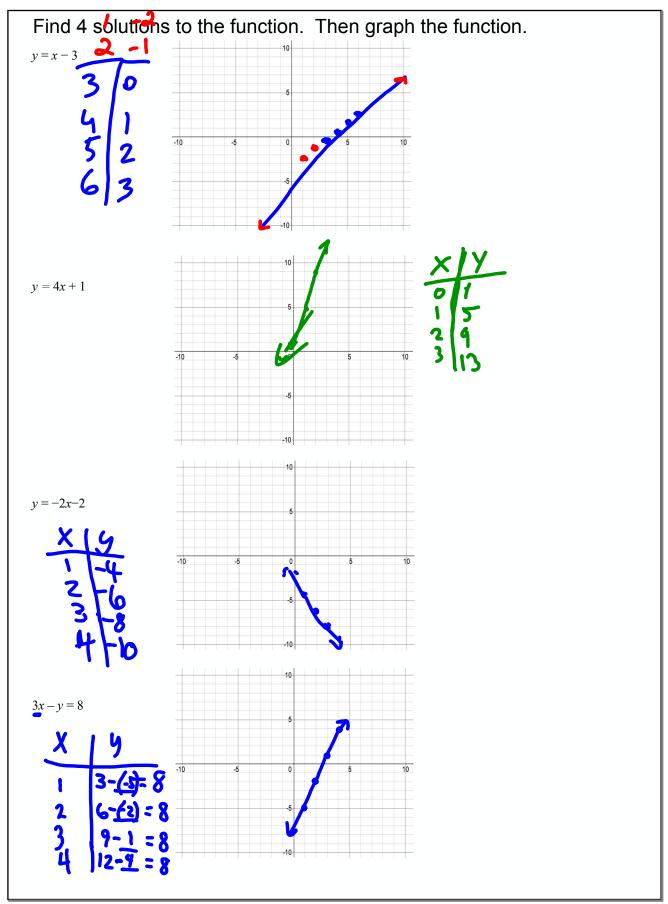
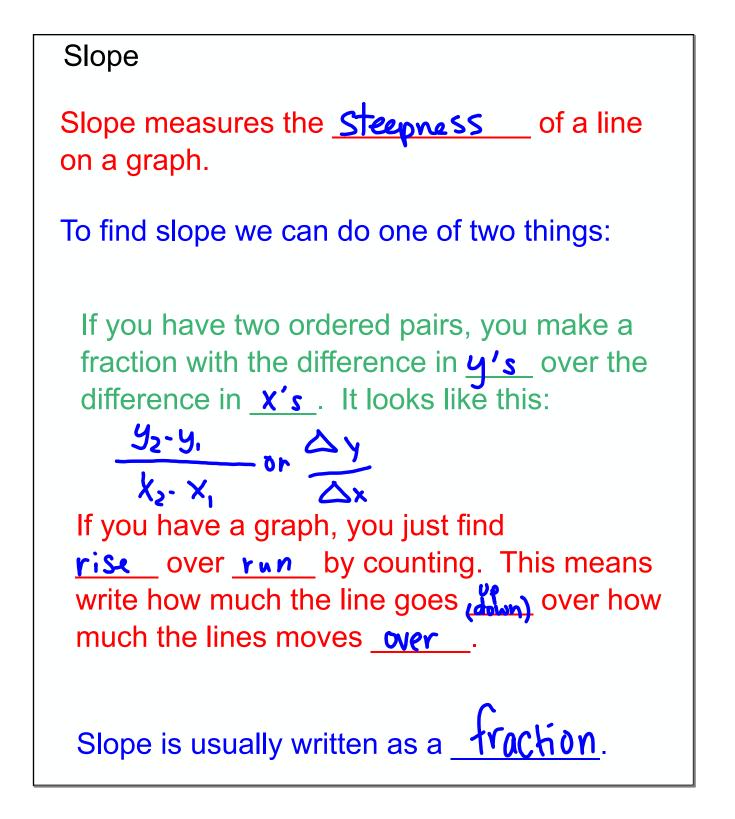
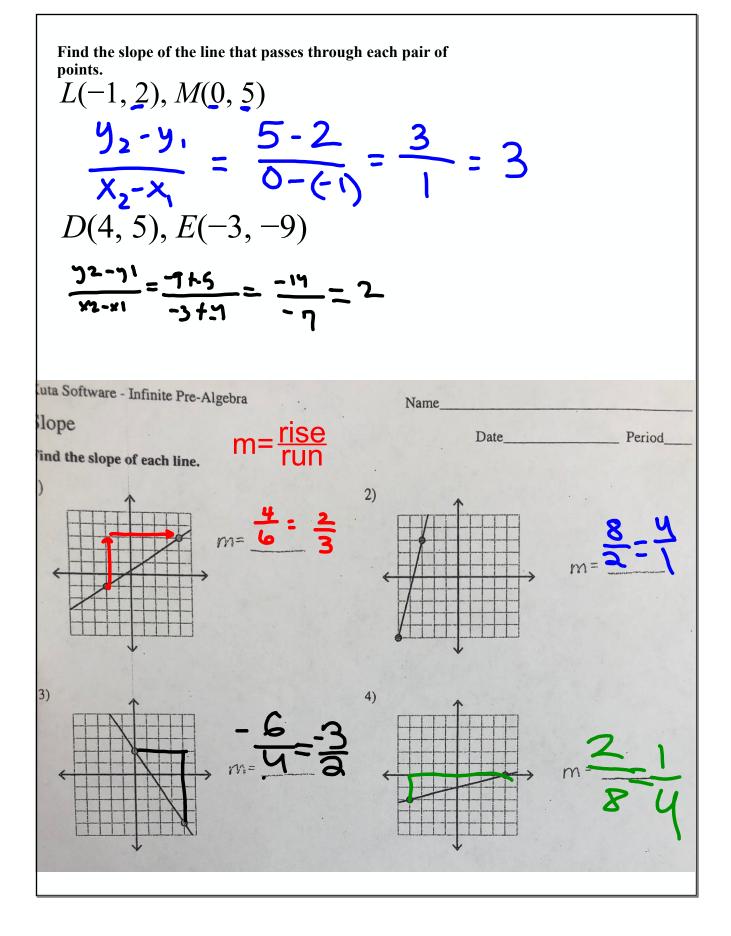


To find four solutions to a function, you must choose any four  $\underline{X'S}$  and find their  $\underline{y'S}$  using the function  $\underline{rule}$ .

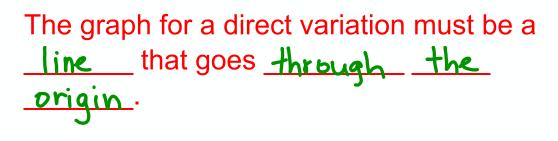
Solutions to a function should be written as <u>ordered</u> <u>pairs</u>, which can then be graphed to make a line of ALL solutions.







**Direct Variations** 

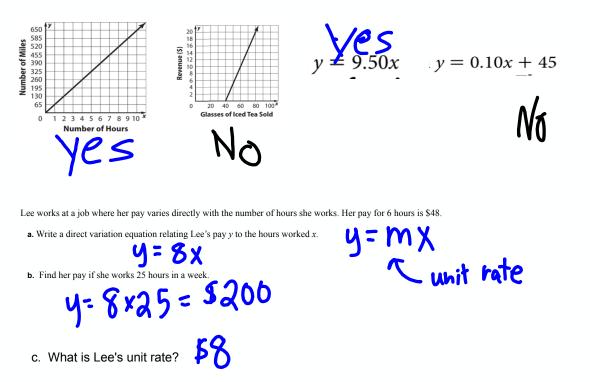


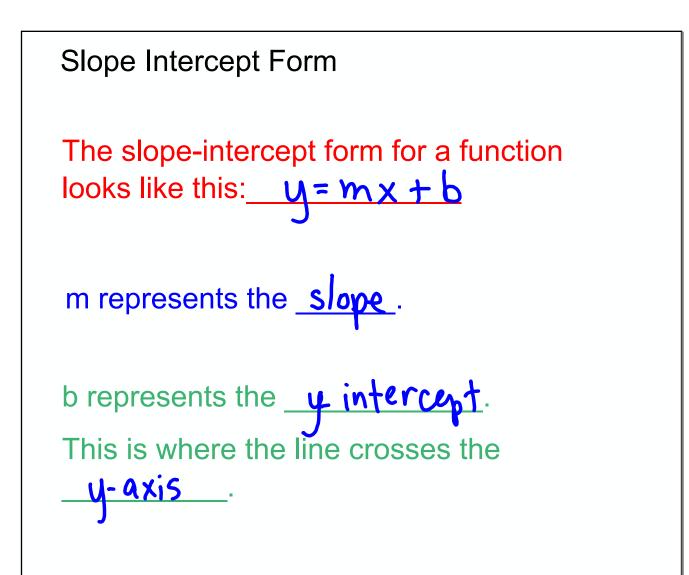
The equation for a direct variation looks like  $y = m\chi$   $y^{2} + y^{2} - 5\chi$   $y^{2} + \frac{1}{2}\chi$ 

In the equation for a direct variation, the "m" stands for the <u>slope</u> of the line, the <u>Constant</u> of variation, or the <u>unit</u> rate.

## **Examples:**

Are these direct variations?





If an equation is NOT in slope-intercept form, add or subtract the x-term from each side to get v by itself. This will put the equation in slope-intercept form.

