

# MSA RATE OF CHANGE AND STARTING POINT NOTES

How do I identify the rate of change and starting point from:

	Rate of change	Starting Point/ <b>Y-intercept</b>
<b>Table</b>	The amount the <u>dependent</u> variable is changing by every time the <u>independent</u> variable increases by 1.	When the independent variable <u>= 0</u> , the dependent variable = <u>?</u> .  Example = <u>(0, ?)</u>
<b>Graph</b>	The <u>steepness</u> of the line	The point where the line <u>crosses</u> the <u>y-axis</u> .  So... When $x = 0$ , $y = ?$ → $(0, ?)$
<b>Equation</b>	The number being <u>multiplied</u> by the independent variable.	The number being <u>added</u> or <u>subtracted</u> .

$$D = 4T + 3$$

$$D = 7T$$

ROC →

$$SP = (0, 0)$$