

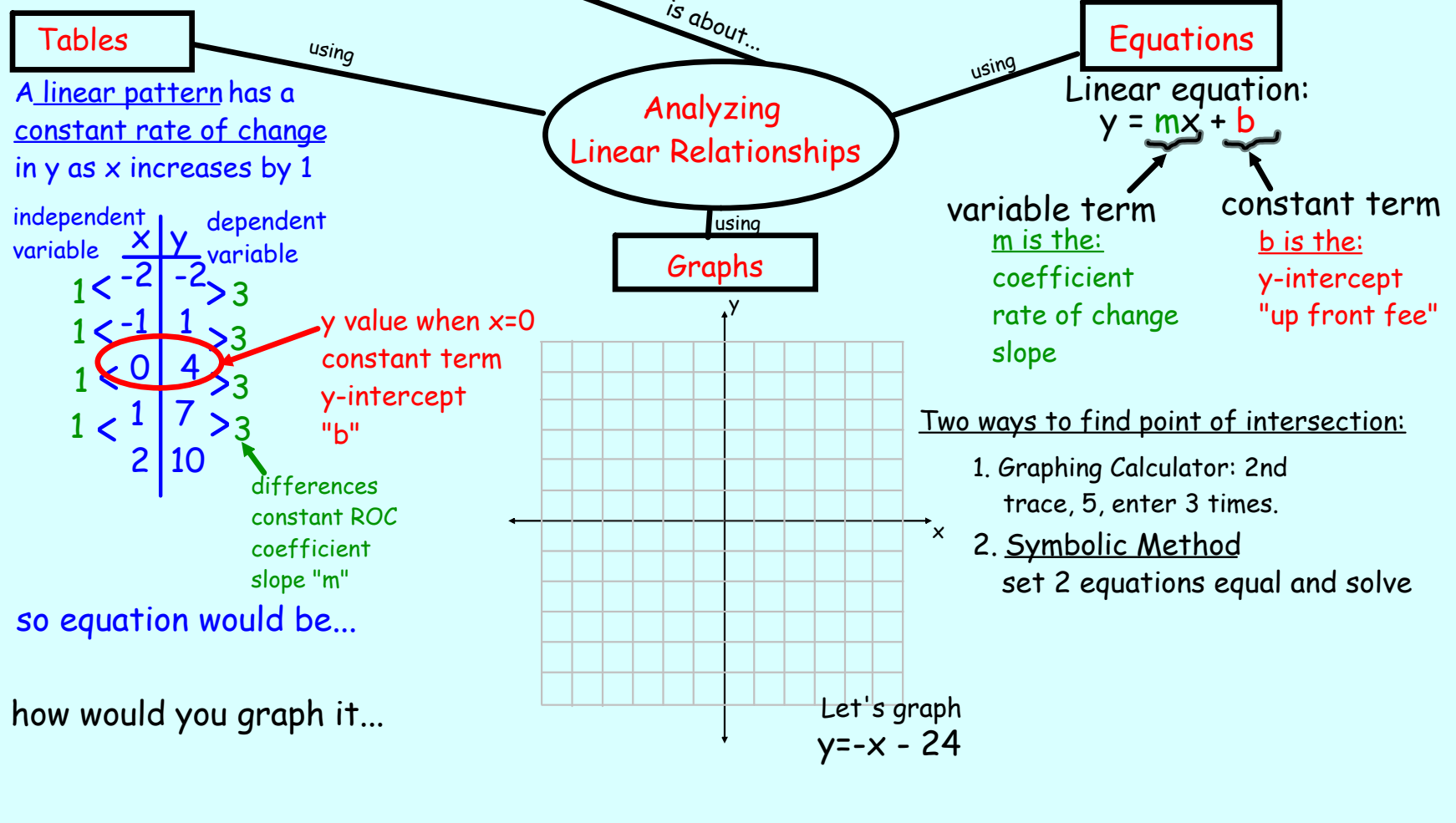
Bigger Picture:

Algebra: I can use the tools of algebra (tables, graphs, equations) to analyze linear relationships.

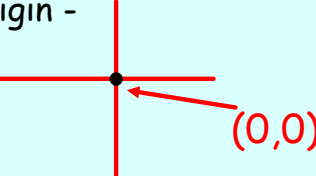
Last Unit **Filling & Wrapping**

CURRENT UNIT **Moving Straight Ahead**

Next Unit



Distributive Property -
 Graphing Calculator Hints:

Learning Targets	<ol style="list-style-type: none"> 1. I know what a linear relationship looks like in a table, graph, and equation. 2. I can compare rates for 2 linear relationships by looking at their tables, graphs, and equations. 3. I can find the y-intercept and slope in a table, graph, and equations. 4. I can check to see if a point lies on a line (ex..is (-3,5) on the line $Y=4X-7$?) 5. I can solve multi-step equations using symbolic method. 6. I can write the equation for any line. 		
Unit Vocabulary	<ol style="list-style-type: none"> 1. Coefficient - the multiplier on a variable. (the # in front of the variable) 	<ol style="list-style-type: none"> 6. y-intercept - where the line crosses the y axis, $y = mx + b$ 	<u>10 Characteristics of Quality Graph</u> <ol style="list-style-type: none"> 1. Appropriate/Descriptive title 2. variables on correct axis with labels 3. appropriate scale & even tick marks 4. points plotted correctly 5. fills graph space 6. discrete vs continuous (count) (dots) (measure) (connect dots) 7. correct y-intercept. 8. correct point of intersection 9. correct points beyond intersection 10. key/labeled lines
	<ol style="list-style-type: none"> 2. Coordinate Pair/Ordered Pair - (x,y) (5,-27) 	<ol style="list-style-type: none"> 7. Origin -  	
	<ol style="list-style-type: none"> 3. Linear Relationship- pattern has a constant rate of change, is a line when graphed 	<ol style="list-style-type: none"> 8. Interpolate - predict within known data 	
	<ol style="list-style-type: none"> 4. Point of intersection - find by... <ol style="list-style-type: none"> 1. calculator 2. symbolic method 	<ol style="list-style-type: none"> 9. Extrapolate - predict beyond known data 	
	<ol style="list-style-type: none"> 5. Slope - coefficient on x, rate of change, $y = mx + b$ 	<ol style="list-style-type: none"> 10. Proportional Relationship - linear pattern with a y intercept of 0 	