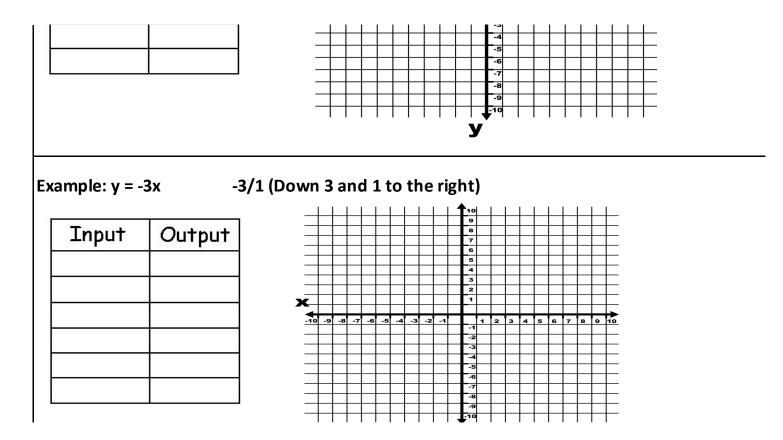
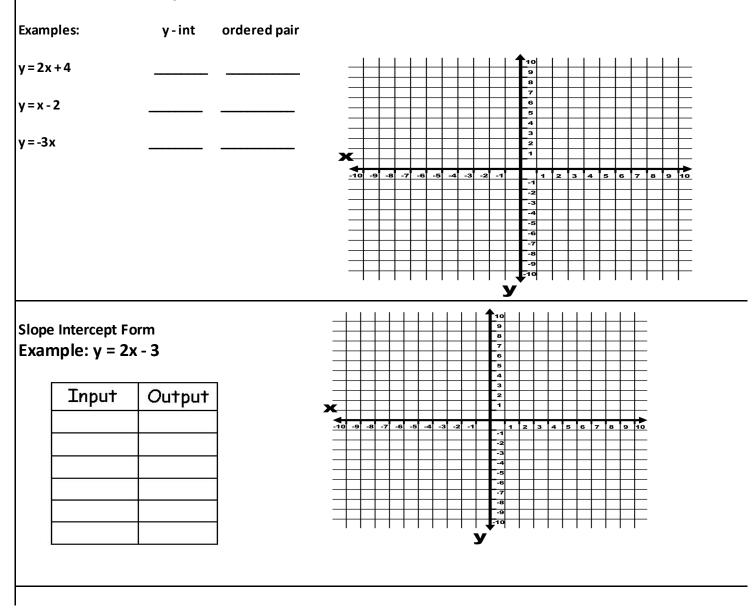
FG 1	Name:
	Class:
	Period:
	Driving Question:
Standard:	F-IF.C.7a Graph linear and quadratic functions and show intercepts, maxima, and minima. Also A-SSE.A 1a, A-CED.A.2, F-IF.B.4, F-LE.A.2
Study/Review Questions:	Definitions: Slope-Intercept Form:, where m is considered the slope of the line and b is considered the y-intercept. Slope: The "" of a line. Slope is calculated by rise/run or the change in y over change in x. (The mx portion of slope intercept form.) Y-Intercept: The value of y at the point where the line crosses the y-axis. X=0 Remember: Slope is the "steepness" of a line that is calculated by rise/run. We can also look at it as change in y / change in x. Example: y = 2x 2/1 (up 2 and 1 to the right)
	Input Output



FG 1

The Y-Intercept - The point where the line crosses the y-axis. Remember to carry the addition or subtraction sign with the number. Also remember that x=0

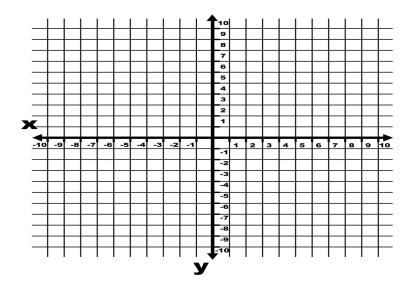


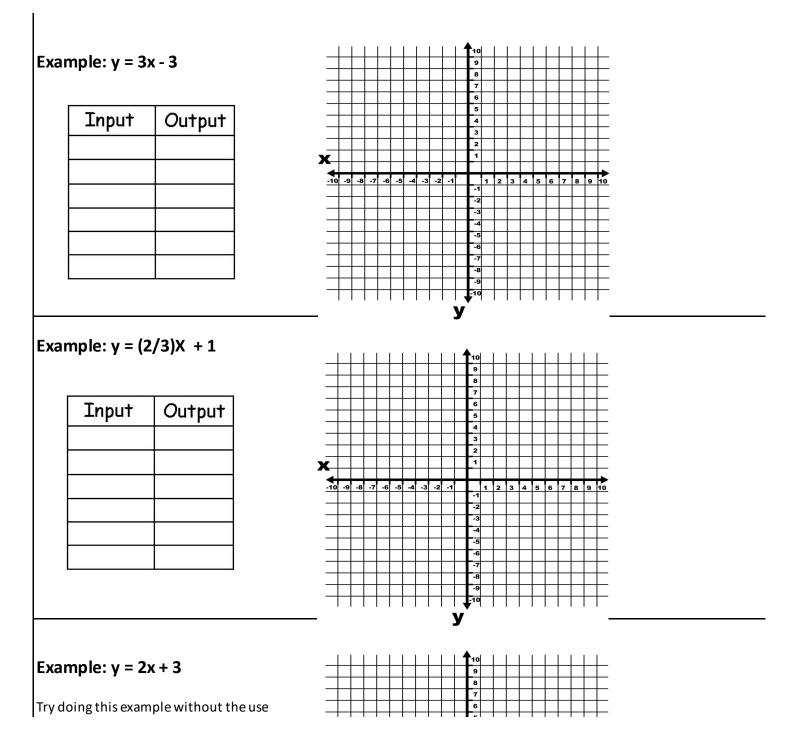
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Example: y = -x + 2

Input	Output





	of an input/output table.			
	Hint: Slope =	Image: 1 Image: 1		
	Hint: Y-Intercept =			
Connections, Summary, Reflection, Analysis:	Slope intercept form is y = mx + b The bis the y-intercept of the line. Remember, x always = 0 at the y-intercept. The slope of the line The slope of the line The slope of the line The slope of the line			
	~Geogebra.org if you are struggling			