**Chapter 7: Prerequisite Learning**

*Terms*

* X-intercept
* Y-intercept
* Linear Factors
* Slope-intercept form
* Function

*Skills*

* How to evaluate a function f(x) by subbing in for x.
	+ Evaluate $f\left(x\right)=2x^{2}-3x+4$ when x=3.
* Vertical Line Test
	+ Glide a vertical line over the graph. If it crosses twice in any place, it is not a function.
* How to tell if a relation is a function
	+ Cannot have repeat x-values
	+ Must be one-to-one or one-to many
	+ Cannot by many to one
* Solving a equation with one variable
* Graphing a linear relation
* Factoring
	+ See practice sheet
* Factoring to solve an equation
	+ Get everything on one side and 0 on the other side.
	+ Factor.
	+ Set each factor = 0. Solve.