**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 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.