Math 10

Graphing Test – December 17

Chapters 6,7,8,9

Ch6

* Interpreting graphs
* Graph a situation
* Linear vs. non-linear
* Discreet vs. continuous data
* Independent vs. dependent variables
* Domain (x values) and Range (y values)
* Set notation, interval notation ex. [8,9), number lines p.294,295
* Functions: What is a function? How do you test whether a relation is a function?
* Function notation ex: f(x) = 4x + 2
* Slope, slope formula $m= \frac{y\_{2}-y\_{1}}{x\_{2}-x\_{1}}$

Ch7

* slope intercept form
* general form
* point slope form
* must be able to convert between forms
* parallel lines have equal slopes
* perpendicular lines have negative reciprocal slopes

Ch8&9

* Solve systems by graphing, substitution, and elimination (add/subtract equations)

Suggested Review exercises:

p. 330#1,6-8,11-14,16

p.396#1,2,3,6,8,12