Suggestions for studying:

- Review the topics listed below and look up anything that seems unfamiliar
- Work the Practice problems on the Math 1101 site (link is on my web site)
- Since the review problems do not cover all topics, spend some time reviewing your notes and the MyMathLab assignments.
- If you wish you can also work the post-test problems for Chapters 1 & 2(partial) in MyMathLab
- Seek help. You can come to office hours, or email me. There should also be tutoring available in the Center for Academic Success.

Topics:

- Interval notation and inequalities
- Plotting points
- Simplify expressions (combine like terms, distributive property)
- Scientific notation
- Determine if a relation is a function (table of values, graph, equation, set of ordered pairs, mappings)
- Find function values from graph or formula
- Find the domain and range of a function
- Application problems with functions
- Complete a table of values for a function and graph
- Graph functions with GRAPH
- Identify linear functions
- Calculate the slope of a line given two points
- Graph linear functions
- Slope-intercept form \((y = mx + b)\) of linear equations
- Slopes and equations of horizontal and vertical lines
- Rate of change; marginal profit/revenue/cost
- Find equations of lines
- Parallel and perpendicular lines
- Find linear equation for application problems
- Solve linear equations algebraically and graphically
- Changing to slope-intercept form
- Find the average rate of change of a function on given interval
- Solve application problems
- Create scatterplot using GRAPH