Assessment Objectives for the Chapter 1 Quiz.
The quiz will consist of 17 questions

- The student will be able to determine whether a relation is a function by looking at ordered pairs, sets, graphs or equations. (1)
- The student will be able to determine whether a function is Even, Odd or Neither.(1)
- The student will be able to evaluate a function. (example, given f(x), the student can find f(3), f(x-2) and so forth.) (2)
- The student will be able to find the equation of a line given two points on the line. (2)
- The student will be able to find the slope of a line. (1)
- The student will be able to determine the slopes if parallel or perpendicular lines. (1)
- The student will be able to find the average rate of change. (1)
- The student will be able to identify parts of a function by looking at the graph of the function. (for example, given the picture of the function f(x), identify the zeros, y-intercept, range or domain.)(1)
- The student will be able to find the domain of radical and rational functions.(3)
- The student will be able to determine in interval in which the value of a function is increasing, decreasing or constant.(1)
- The student will be able to find the difference quotient of a polynomial.(1)
- The student will be able to factor the sum or difference of cubes.(1)
- The student will be able to simplify a rational expression by factoring polynomials and reducing.(1)
- The student will be able to graph the transformation of a function f(x).(2)
- The student will be able to find the x and y intercepts of a quadratic function.
- The student will be able to find the x and y intercepts of an absolute value function. (1)
- The student will be able to find the x and y intercepts of a radical function.