Honors Finite Math - Chapter 11: Precalculus Review **Learning Target Progress Tracking**

	Level 1	Level 2	Level 3	Level 4
Learning Target	**Understand while teacher is explaining**	**Can work problem on my own w/example to follow**	**Can work a problem similar to one I've seen w/o needing an example**	**Understand concept/procedure well enough to teach others and to work problems not similar to ones I've seen**
LT11.1: Evaluate a function given in function notation. Find x- and y-intercepts of a function. Graph a given function.				
LT11.2: Determine if a relationship is a function.				
LT11.3: State the domain and range of a function given its equation or graph.				
LTLT11.4: Use the relationships between demand equation, revenue equation and market price to solve supply and demand problems.				
LT11.5: Graph and state the domain and range of the following functions without a calculator: constant, linear, square, cube, square root, reciprocal, absolute value, greatest integer, quadratic, piece-wise defined, rational, including the effects of transformations.				
LT11.6: Evaluate and simplify a difference quotient.				
LT11.7: Simplify expressions containing exponents (including fractional and negative exponents). Graph an exponential function. Solve compound interest problems.				
LT11.8: Graph logarithmic functions. Convert between exponential and logarithmic form expressions. Expand/contract/simplify logarithmic expressions using log properties. Use logarithms to solve log or exponential equations (e.g. radioactivity problems).				
LT11.9: Use calculator regression to find a linear equation (least squares regression line) or non-linear model for a given set of data and use the model to predict interpolated or extrapolated results.				