

Pre-Cal Chapter 1 Concepts to know

- Slope
- Writing equation of a line (slope-intercept, standard forms)
- Parallel, perpendicular lines
- Piecewise functions (Be able to graph as well)
- Characteristics of graphs (domain, range, increasing/decreasing, positive/negative, relative extrema)
- Domain given a function
- Determining if a function is even/odd
- Finding the inverse function (relationships between a function and its inverse)
- Transformations (translation, dilations (stretch/compression), and reflection)
- Function operations ($g \circ f$, $f \circ g$, $f+g$, etc.)
- Difference quotient $(f(x+h)-f(x))/h$