Math D Unit 5 Activity - Graphing Exponential and Log Functions

Complete the following tables and graph each function on the same coordinate plane. Include a scale on your graph and label each function.

1. $f(x) = 2^x$







Notice the x-values from the tables above are convenient values to use for these specific

functions. Find convenient x-values to graph the functions on the back of this page.

Choose values for x that are representative of the entire domain of each function. The first table has been started.

Create a table for each function before graphing. Choose a scale for the graph that makes sense based on the table of values.



5. If asked to graph a logarithmic function, how will you choose the x-values required to create a complete picture of the graph?