Graphing Exponential Functions

Exponential functions take the form $f(x) = a(b)^x$. The initial value is *a* when the exponent is equal to 0. The base is *b*, and this is the change factor, common ratio, or multiplier, that is used to get the next term from the previous term.

When graphing exponential functions, a complete graph includes:

Make a ______ of values that include both ______ and _____ values of *x*. This is your ______ for the graph you are drawing.
Completely label the graph with ______ and label the ______
Plot the ______ from your _____.

4. Draw a ______ that fits the graph. Be sure to draw ______.

Graph each exponential. Make a table. Completely label the graph.

