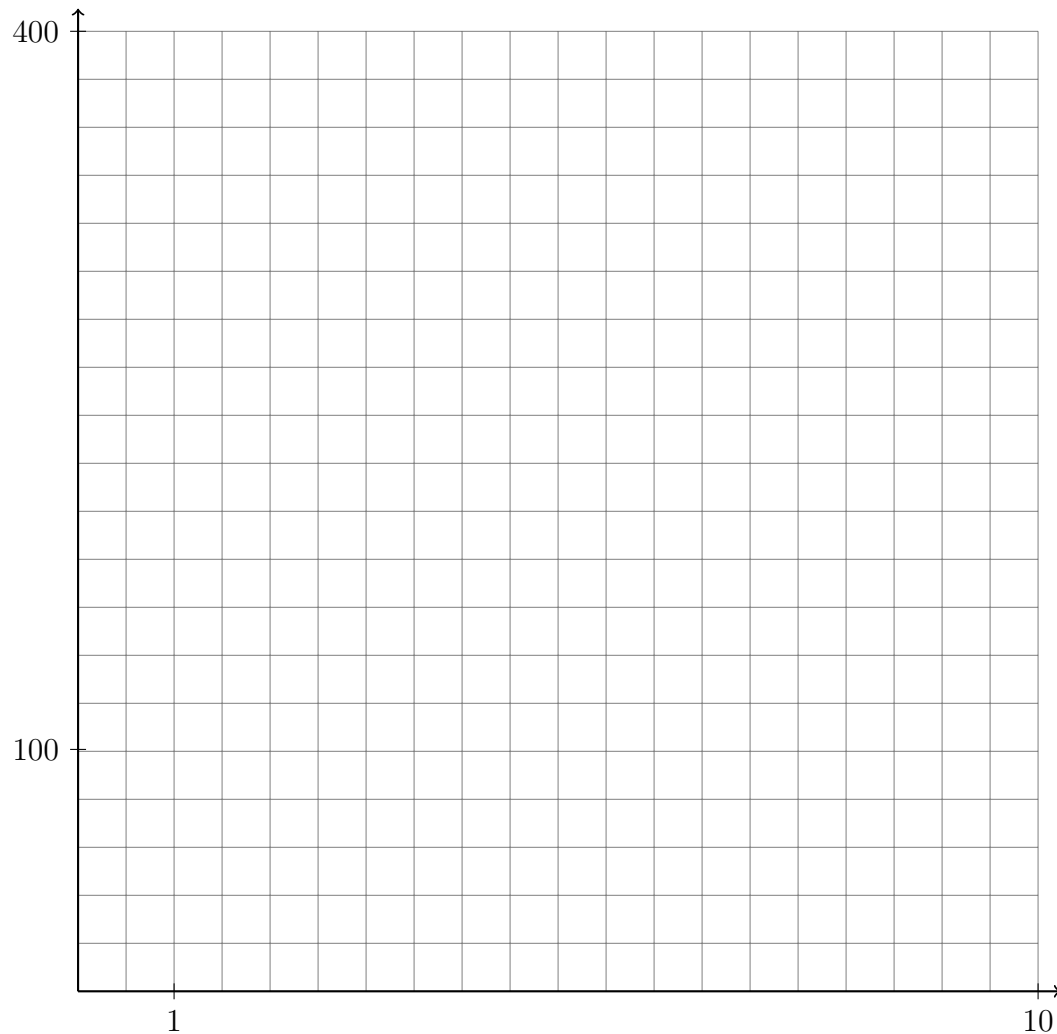


Do Now: Exponential functions

Use your calculator to make a table of values for the graph. Notice how the coefficient of the independent variable (x) can be incorporated in the base.

1. Graph $f(x) = 1.05^{12x} + 10$ on the set of axes below.



2. Use the exponent rules to rewrite the function in #1, $f(x)$, as exponential function with only x in the exponent. In other words, if $f(x) = b^x + 10$, what is b ?