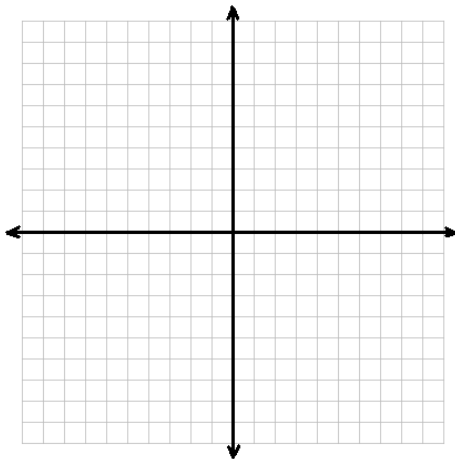


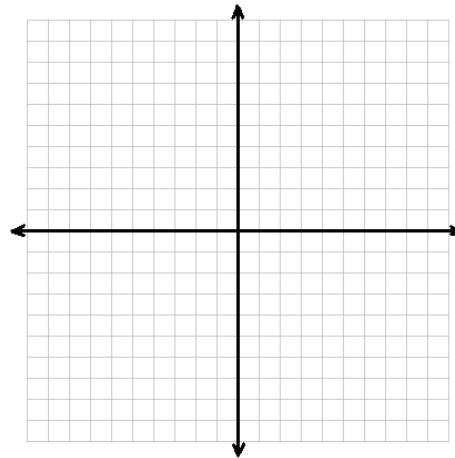
Exponential Functions

Tell whether the function shows growth or decay. Then graph. Use your calculator to assist you.

1. $f(x) = 2(.5^x)$



2. $f(x) = .5(3)^x$



3. The value of a '959 Gibson Les Paul is 12,000. Experts estimate that its value will increase by 14% per year. Find when the value of the guitar will be \$60,000.