

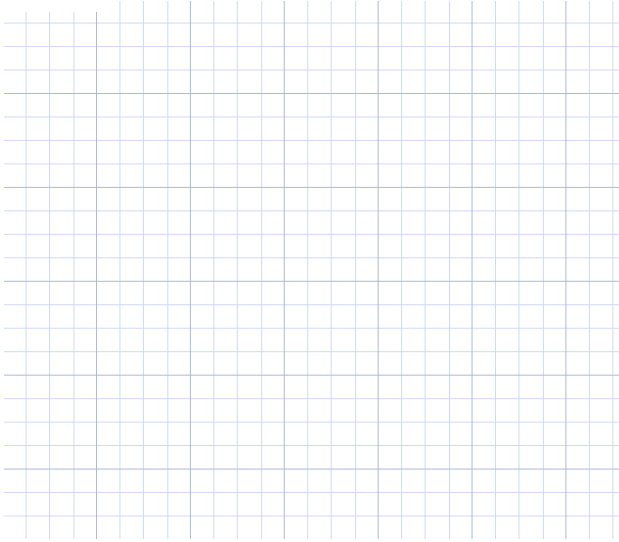
Name: \_\_\_\_\_

Period: \_\_\_\_\_ Date: \_\_\_\_\_

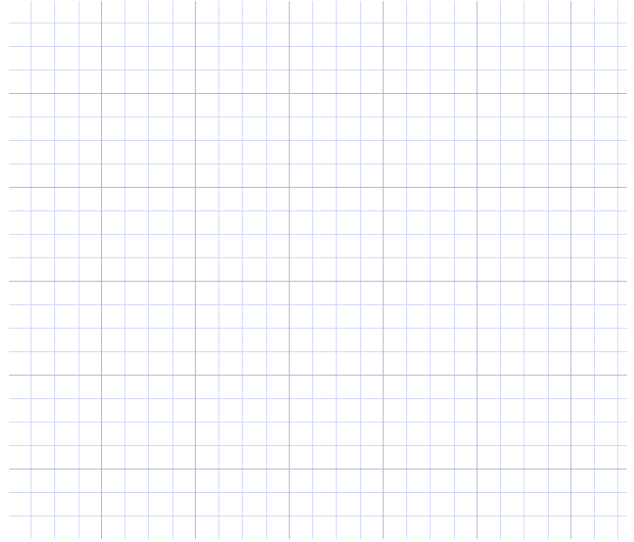
## Graphing Exponential Growth

### Section I. Graphing

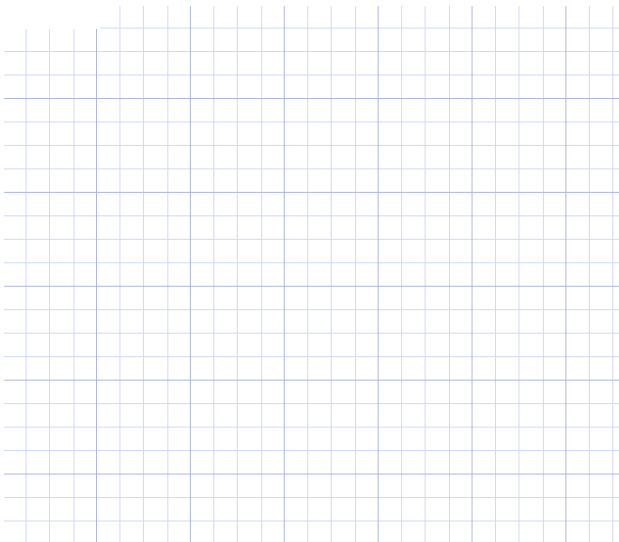
1. Graph:  $f(x) = 2^x$



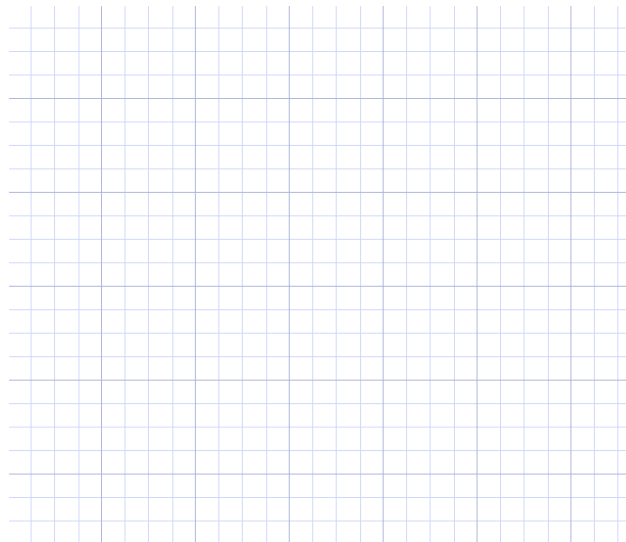
2.  $f(x) = 3^x$



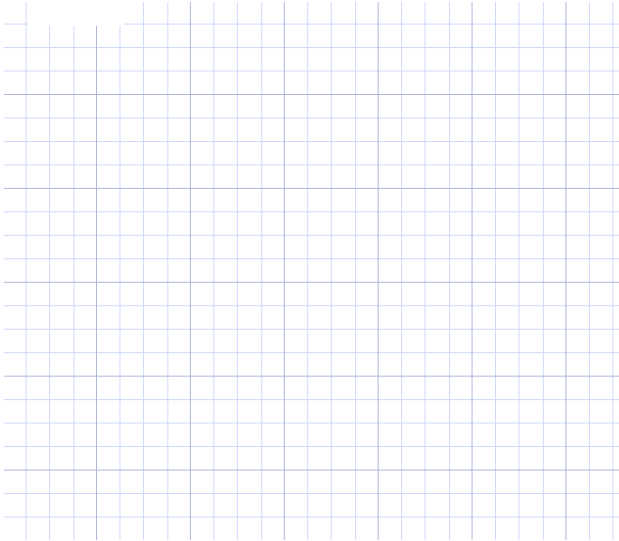
3. Graph:  $f(x) = 4^x$



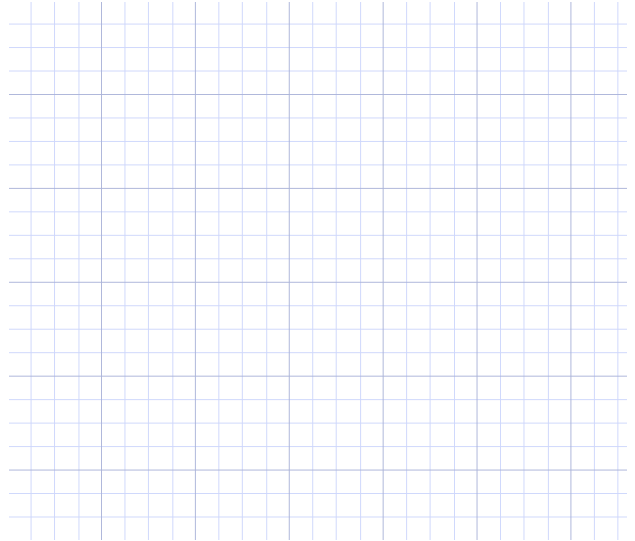
4.  $f(x) = 3^x + 2$



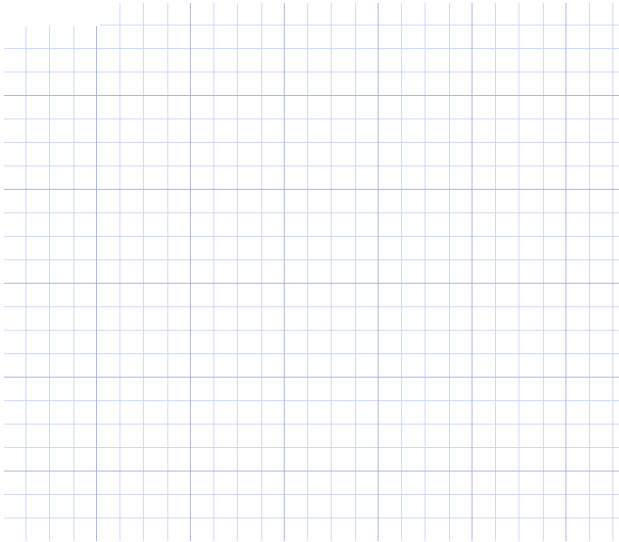
5. Graph:  $f(x) = 2^x - 3$



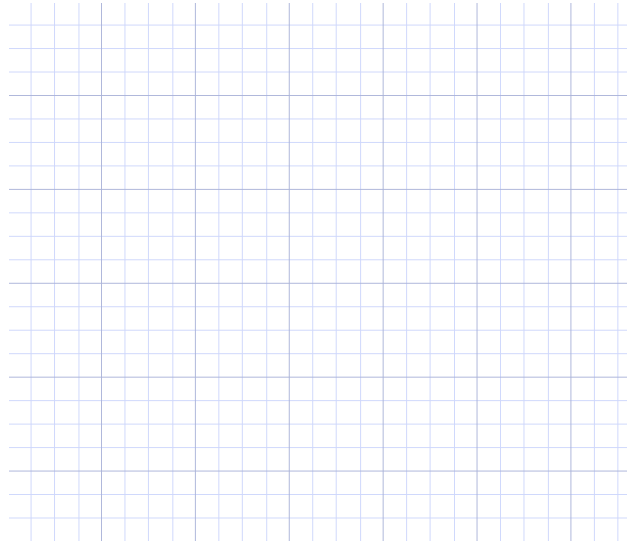
6.  $f(x) = 3^x - 1$



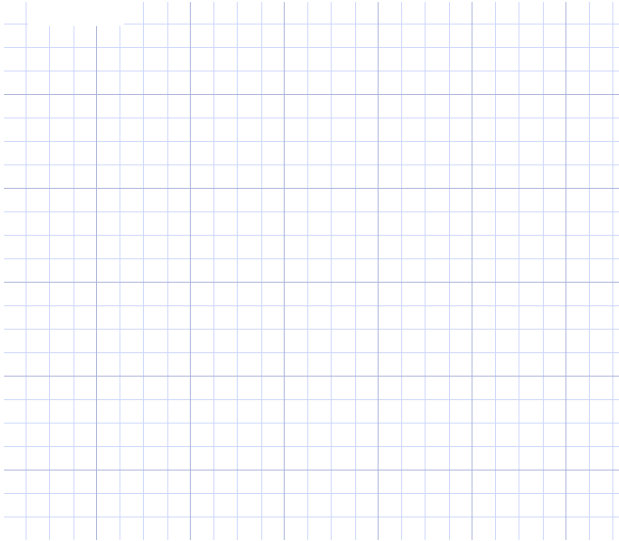
7. Graph:  $f(x) = \frac{1}{2} \cdot 2^x$



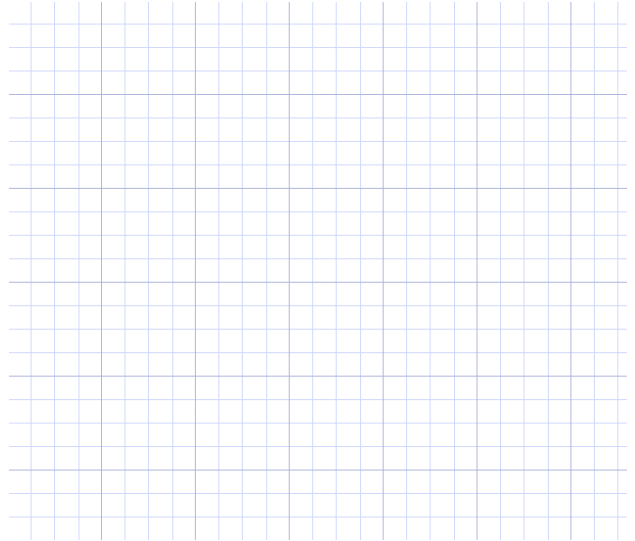
8.  $f(x) = 3 \cdot 3^x$



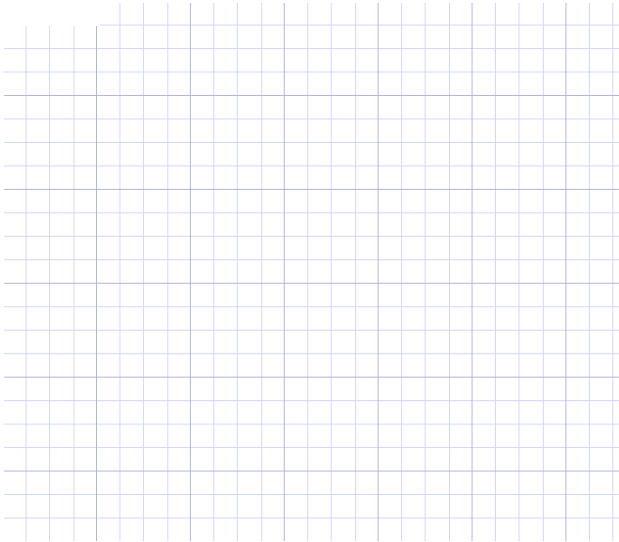
9. Graph:  $f(x) = 2^x + 5$



10.  $f(x) = 3^x - 4$



11. Graph:  $f(x) = \frac{1}{8} \cdot 4^x$



12.  $f(x) = -4 \cdot 2^x$

