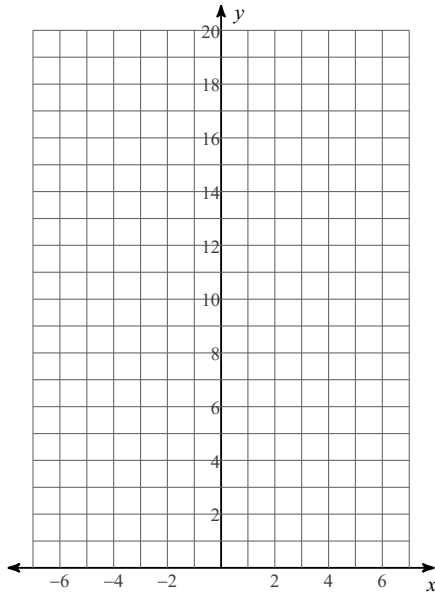


Homework 6.1 graphing

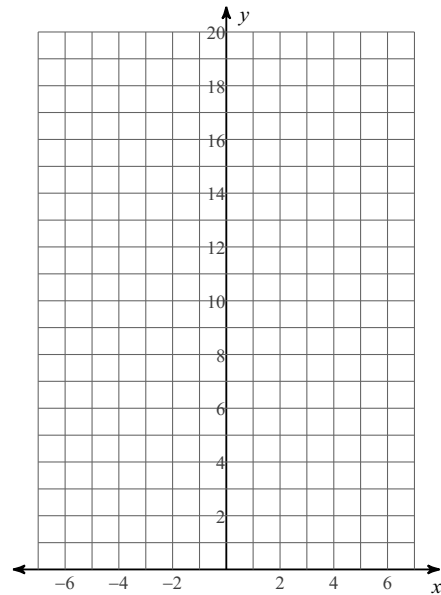
Date _____ Period _____

Sketch the graph of each function. Find the domain, range, asymptote, y intercept and end behavior.

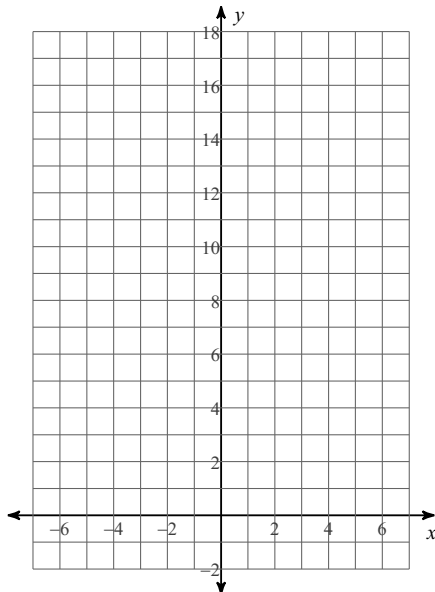
1) $y = 5 \cdot 2^x$



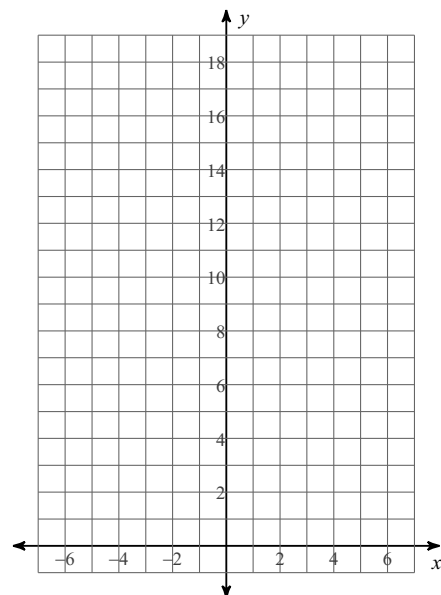
2) $y = 5 \cdot \left(\frac{1}{2}\right)^x$



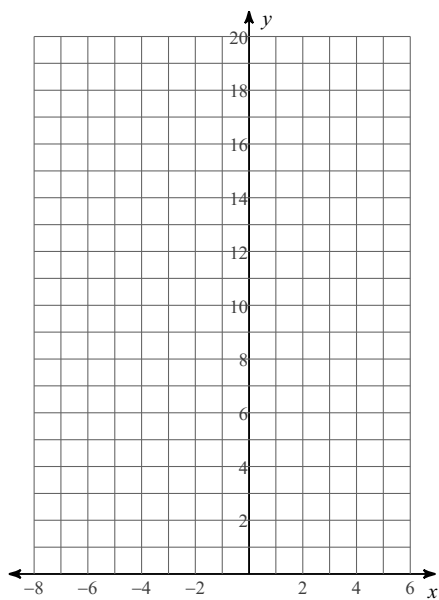
3) $y = 3 \cdot 2^x - 2$



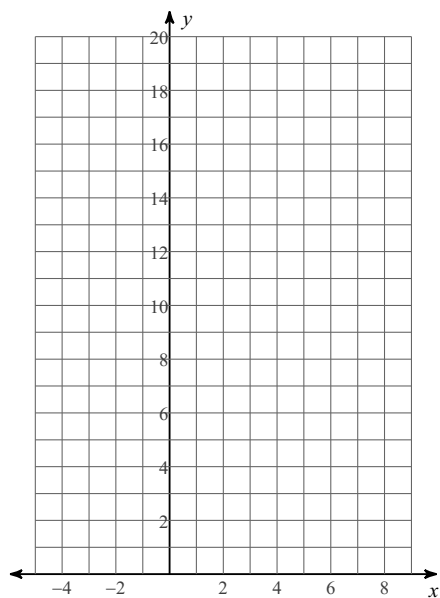
4) $y = 5 \cdot \left(\frac{1}{2}\right)^x - 1$



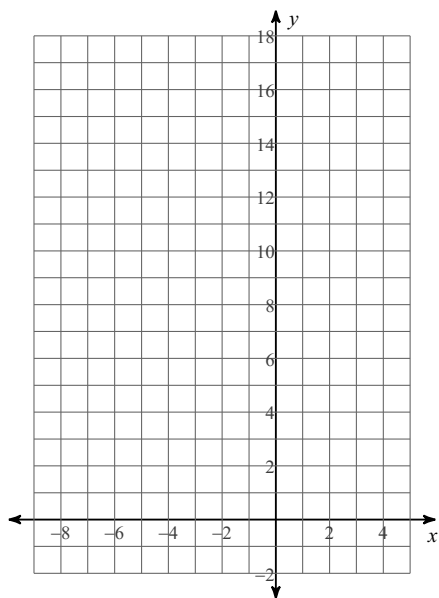
5) $y = \frac{1}{4} \cdot 4^{x+1}$



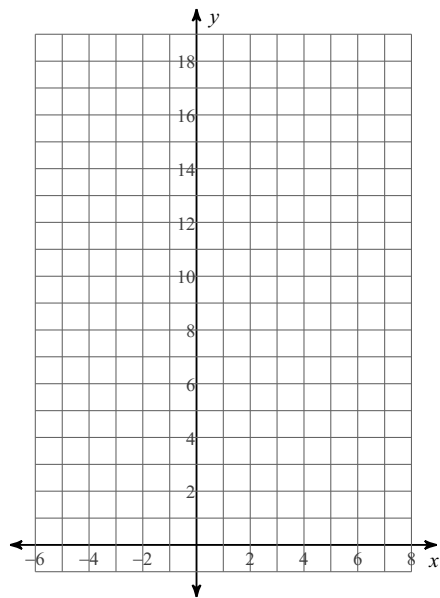
6) $y = 4 \cdot \left(\frac{1}{2}\right)^{x-2}$



7) $y = \left(\frac{1}{4}\right)^{x+2} - 2$



8) $y = 3 \cdot 2^{x-1} - 1$

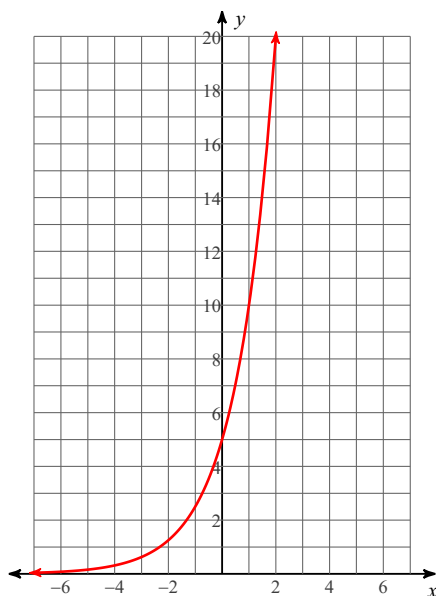


Homework 6.1 graphing

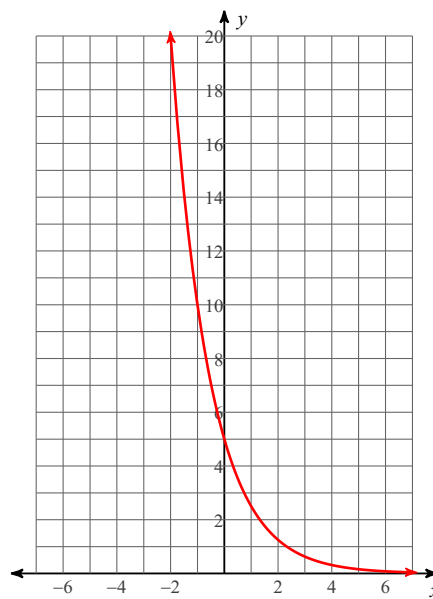
Date _____ Period _____

Sketch the graph of each function. Find the domain, range, asymptote, y intercept and end behavior.

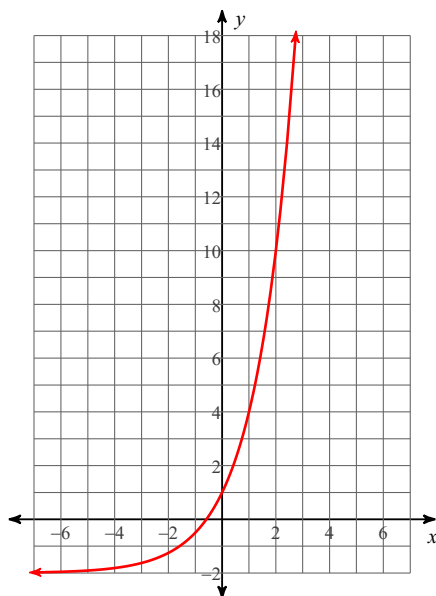
1) $y = 5 \cdot 2^x$



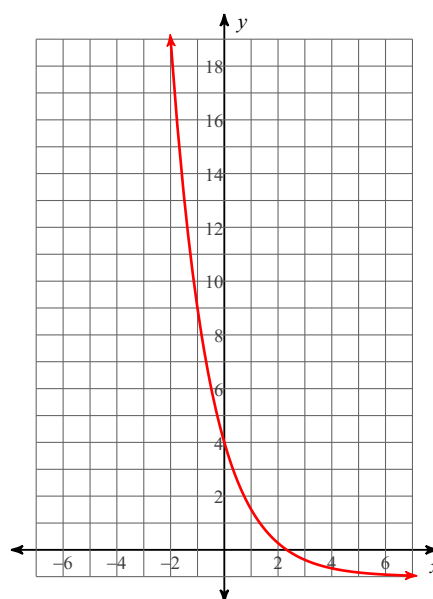
2) $y = 5 \cdot \left(\frac{1}{2}\right)^x$



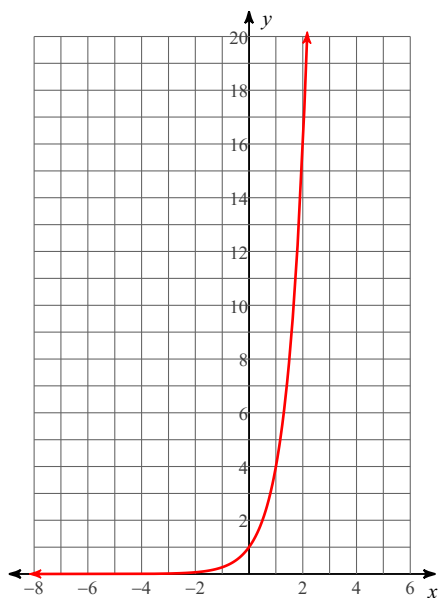
3) $y = 3 \cdot 2^x - 2$



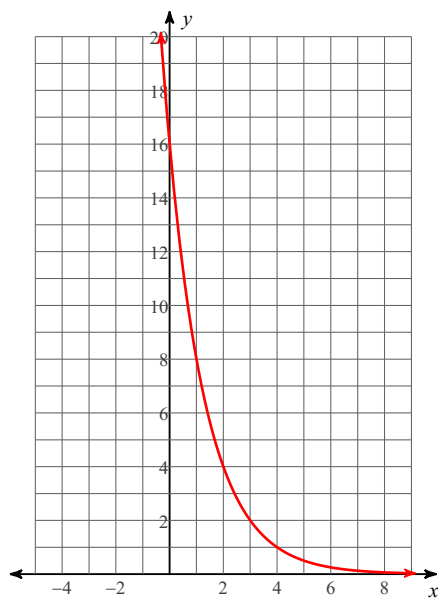
4) $y = 5 \cdot \left(\frac{1}{2}\right)^x - 1$



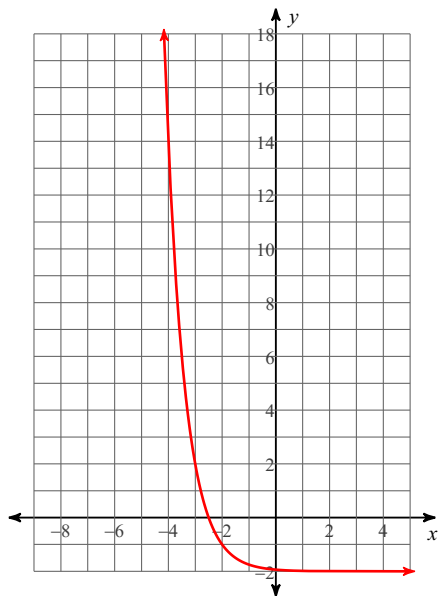
5) $y = \frac{1}{4} \cdot 4^{x+1}$



6) $y = 4 \cdot \left(\frac{1}{2}\right)^{x-2}$



7) $y = \left(\frac{1}{4}\right)^{x+2} - 2$



8) $y = 3 \cdot 2^{x-1} - 1$

