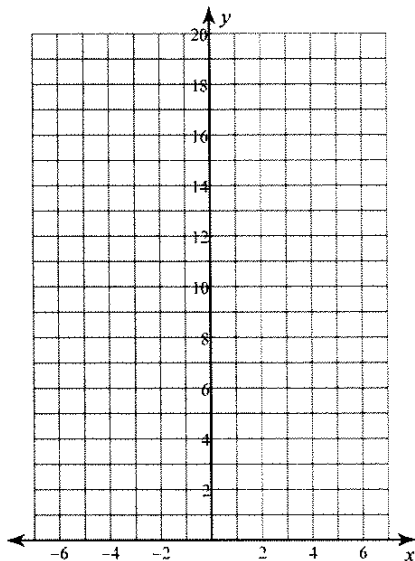


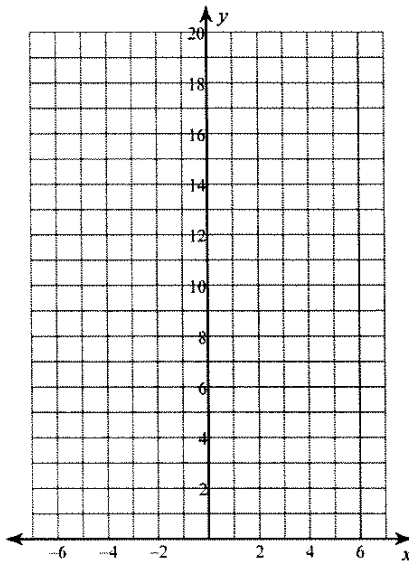
Graphing Exponential Functions

Sketch the graph of each function.

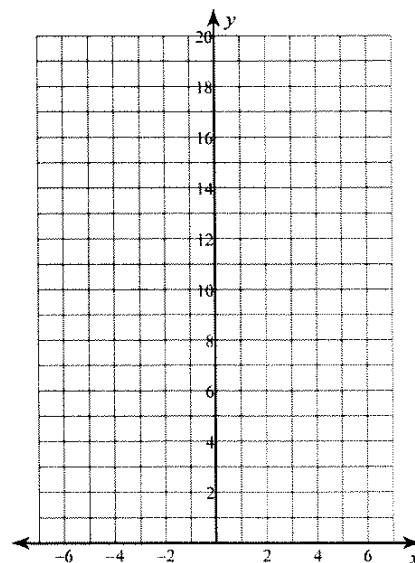
1) $y = \frac{1}{2} \cdot 5^x$



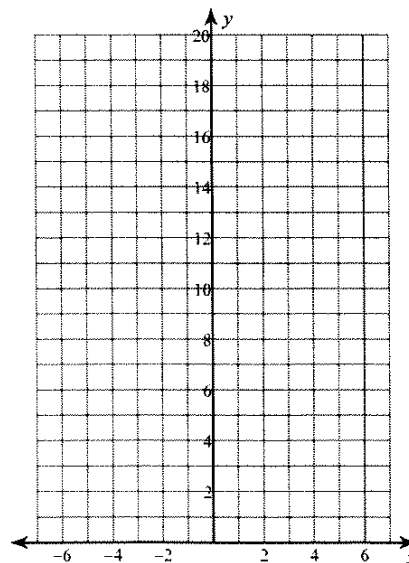
2) $y = \frac{1}{3} \cdot 2^x$



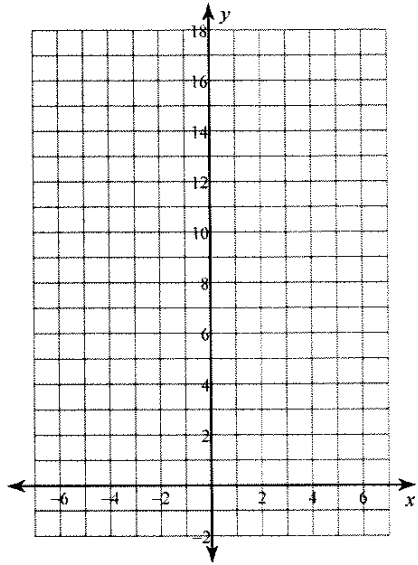
3) $y = 5 \cdot \left(\frac{1}{2}\right)^x$



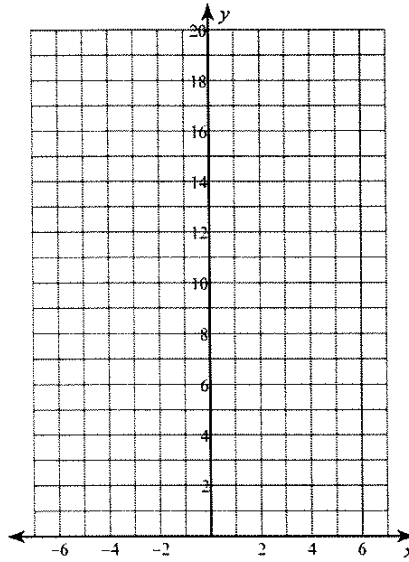
4) $y = 5 \cdot \left(\frac{1}{2}\right)^{x-1}$



5) $y = 4 \cdot 2^x - 2$

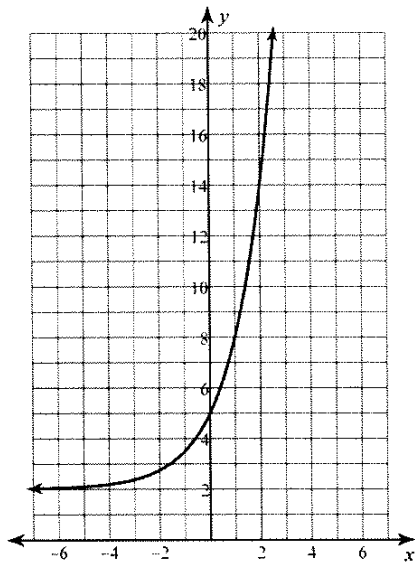


6) $y = 3 \cdot \left(\frac{1}{2}\right)^x + 2$



Write an equation for each graph.

7)



8)

