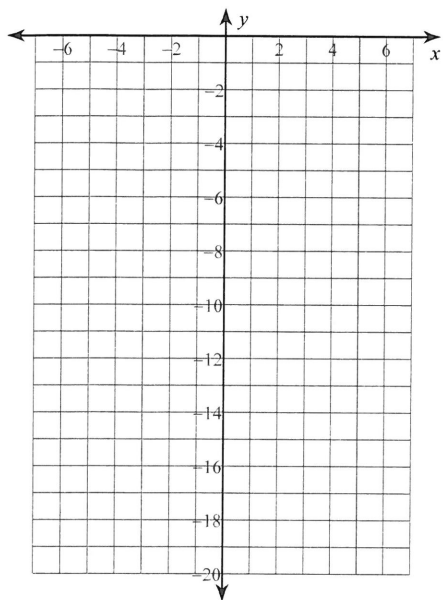


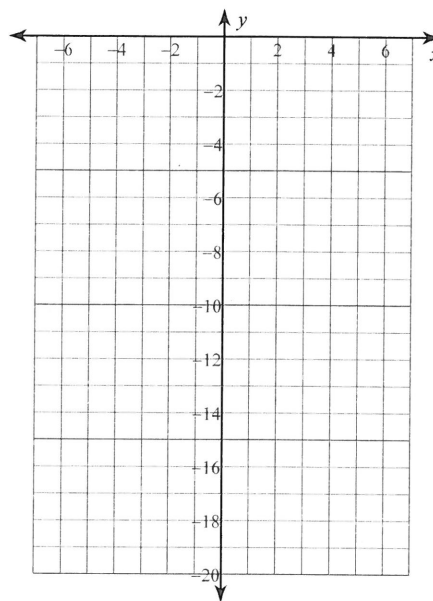
## Graphing Exponential Functions

Sketch the graph of each function.

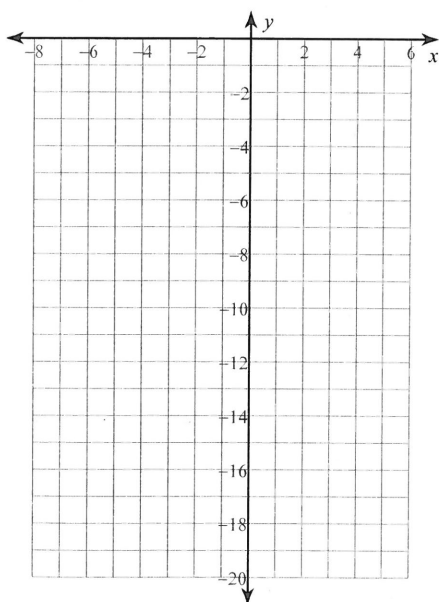
1)  $y = -2 \cdot \left(\frac{1}{2}\right)^x$



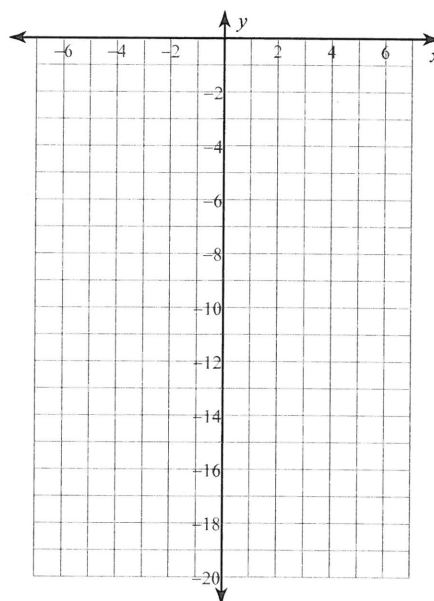
2)  $y = -\frac{1}{4} \cdot 2^x$



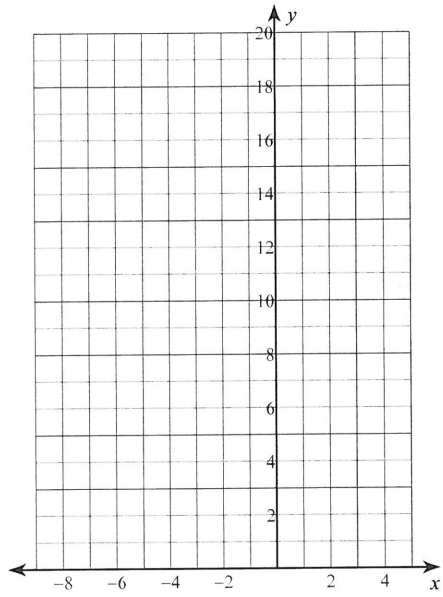
3)  $y = -2 \cdot 2^{x+1}$



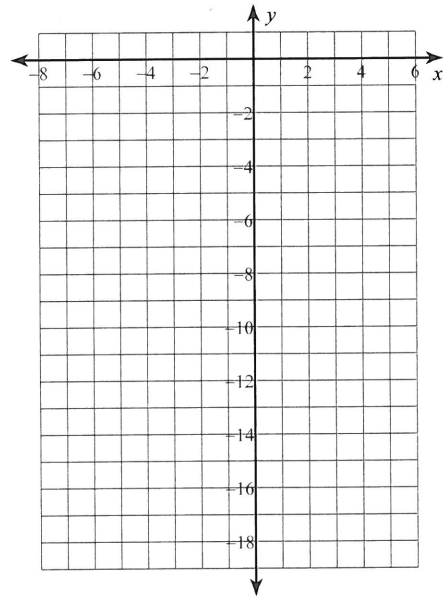
4)  $y = -5 \cdot 2^x - 1$



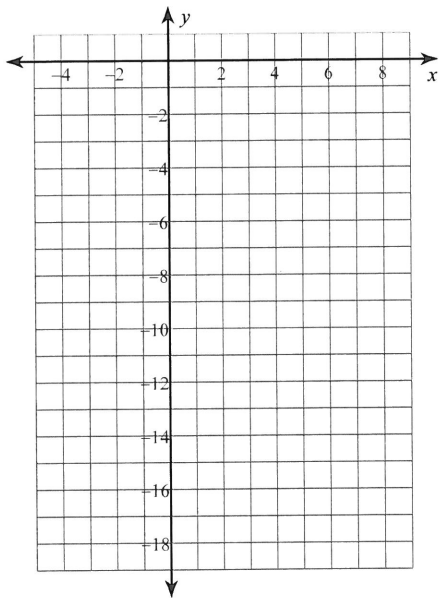
$$5) y = 4 \cdot \left(\frac{1}{2}\right)^{x+2} + 1$$



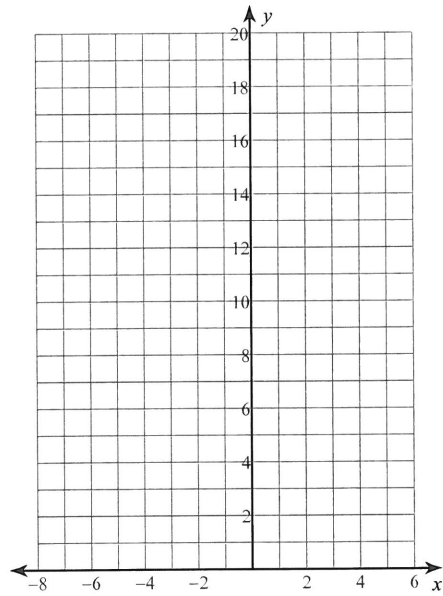
$$6) y = -4 \cdot 2^{x+1} + 1$$



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



$$8) y = \frac{1}{4} \cdot 4^{x+1} + 1$$



# Answers to Graphing Exponential Functions (ID: 1)

