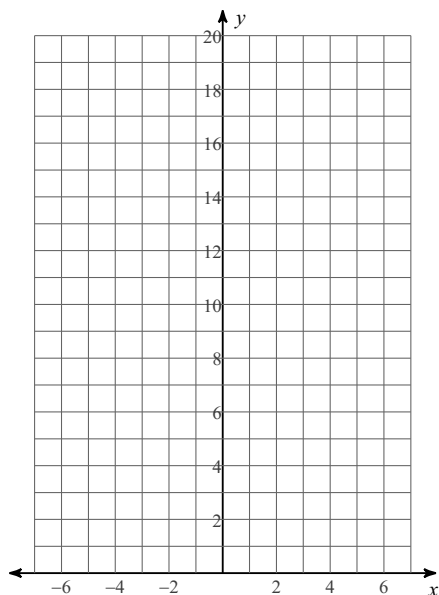


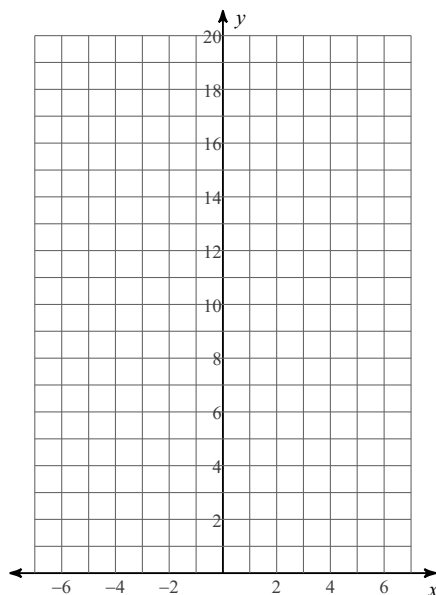
Graphing Exponential Growth Functions

Sketch the graph of each function.

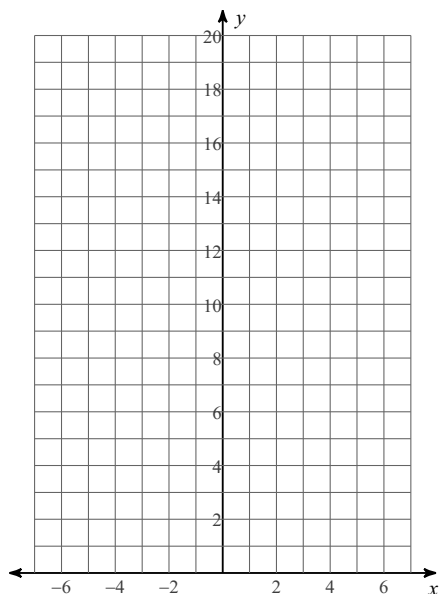
1) $y = 2 \cdot 2^x$



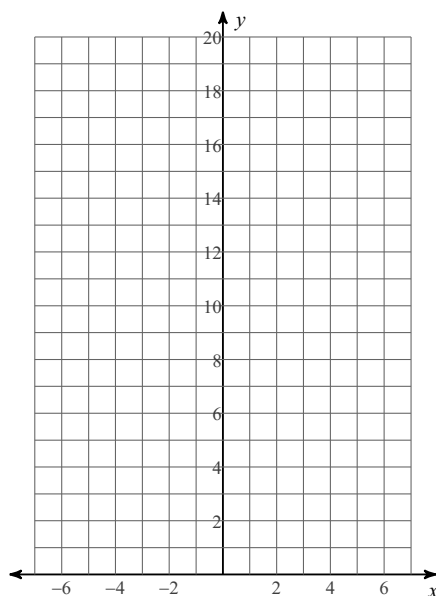
2) $y = 5 \cdot 2^x$



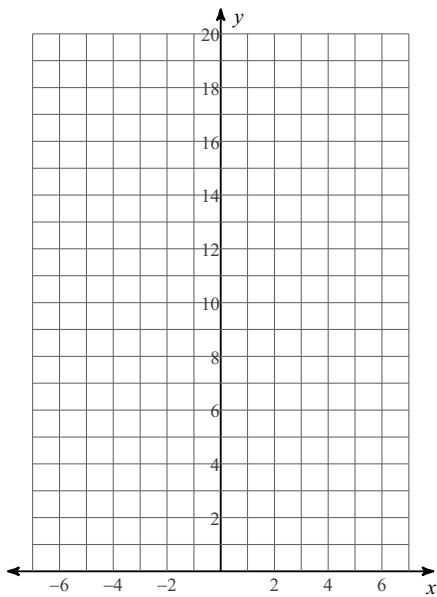
3) $y = 3 \cdot 2^x$



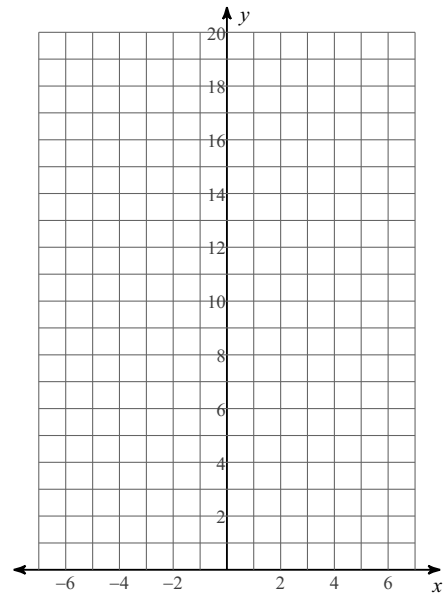
4) $y = \frac{1}{2} \cdot 4^x$



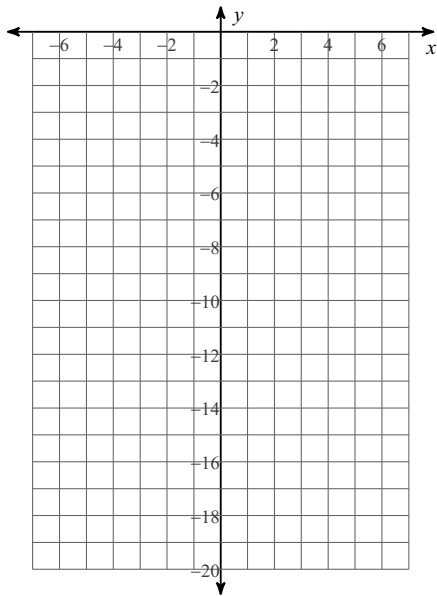
5) $y = 4 \cdot 2^x$



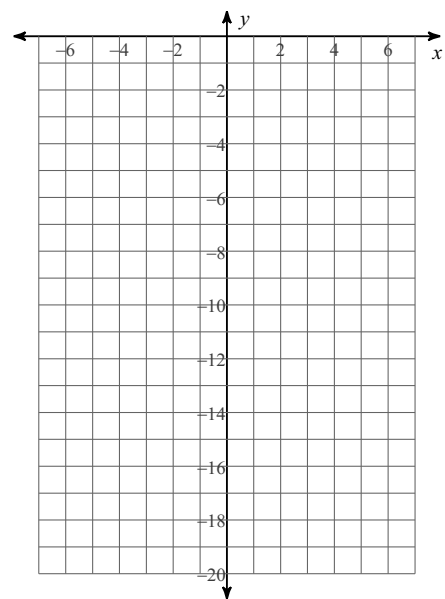
6) $y = \frac{1}{4} \cdot 2^x$



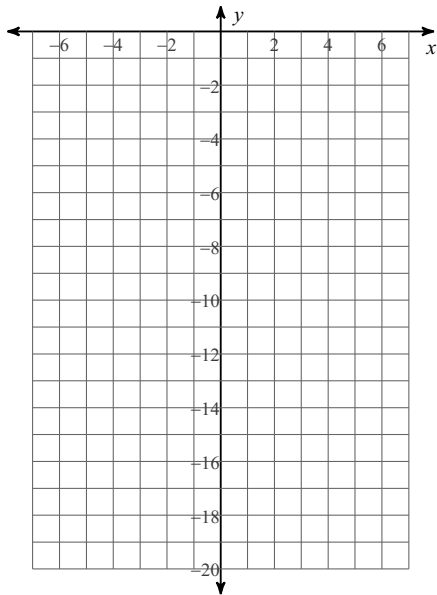
7) $y = -3 \cdot 2^x$



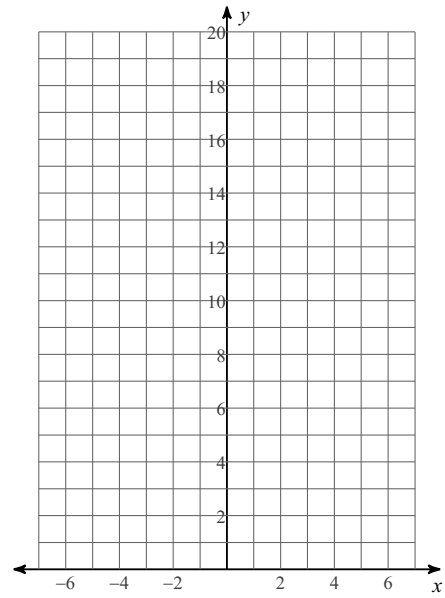
8) $y = -\frac{1}{2} \cdot 2^x$



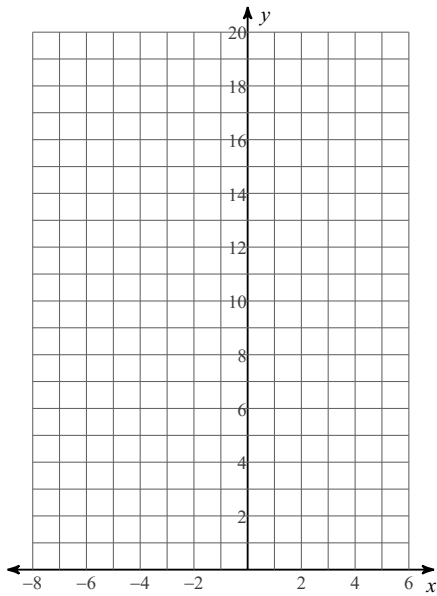
9) $y = -5 \cdot 2^x$



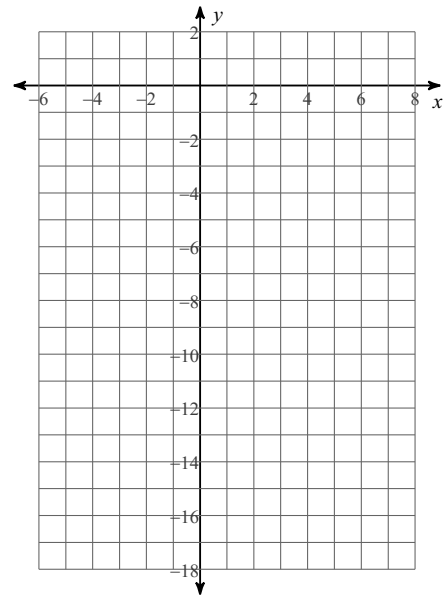
10) $y = 5 \cdot 2^x + 1$



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

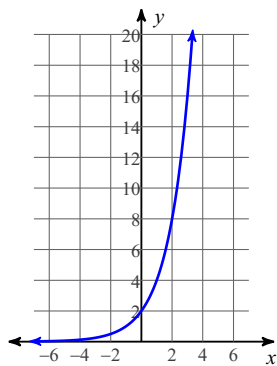


12) $y = -5 \cdot 2^{x-1} + 2$

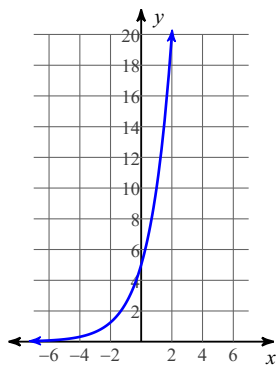


Answers to Graphing Exponential Growth Functions

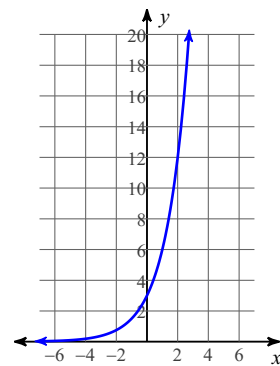
1)



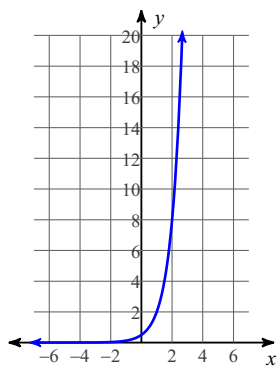
2)



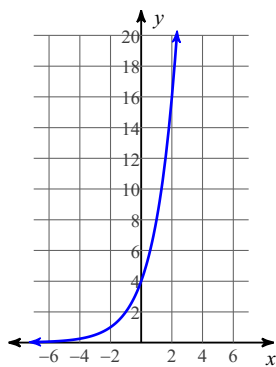
3)



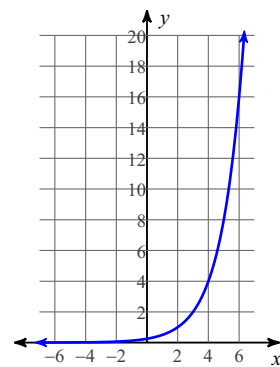
4)



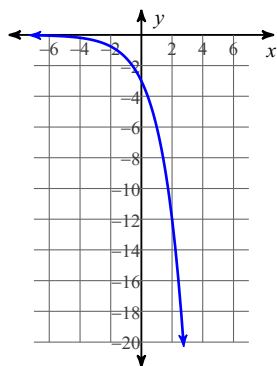
5)



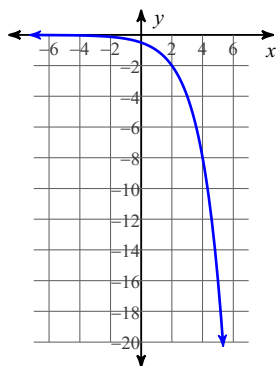
6)



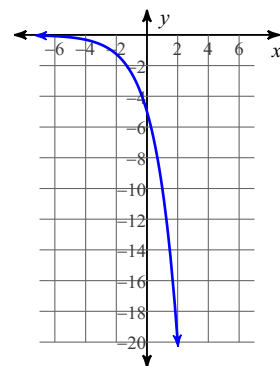
7)



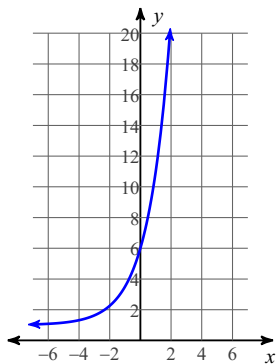
8)



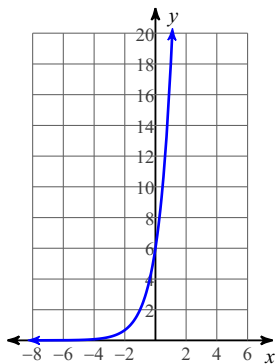
9)



10)



11)



12)

