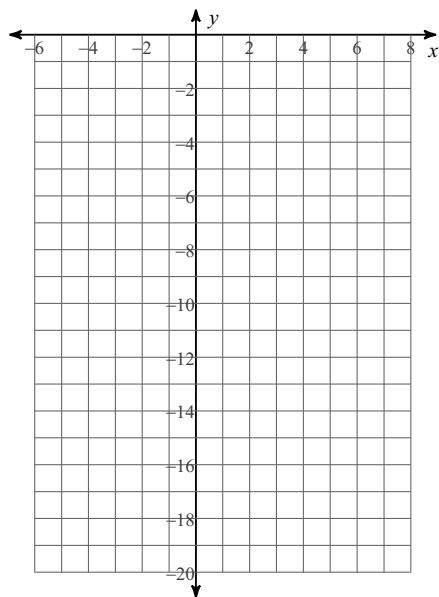


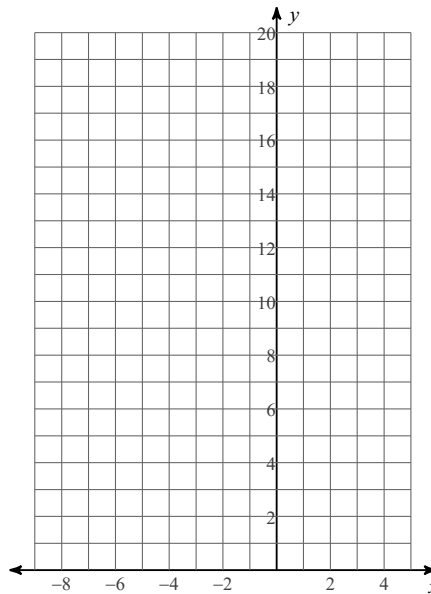
13.1 Practice

Sketch the graph of each function.

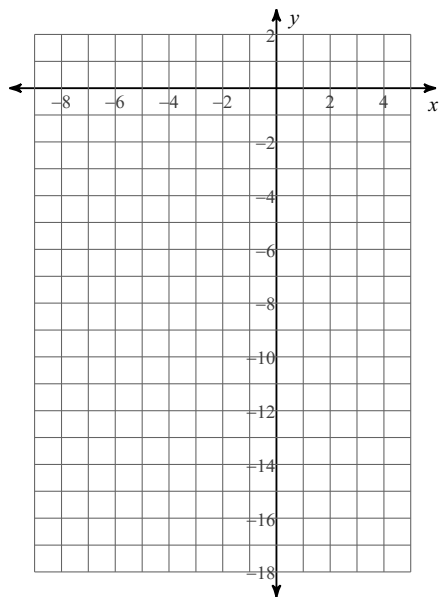
1)  $f(x) = -\frac{1}{2} \cdot 2^{x-1} - 1$



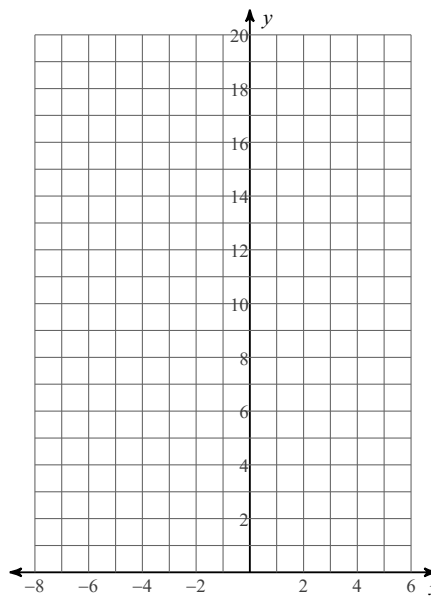
2)  $f(x) = 3 \cdot 2^{x+2} + 1$



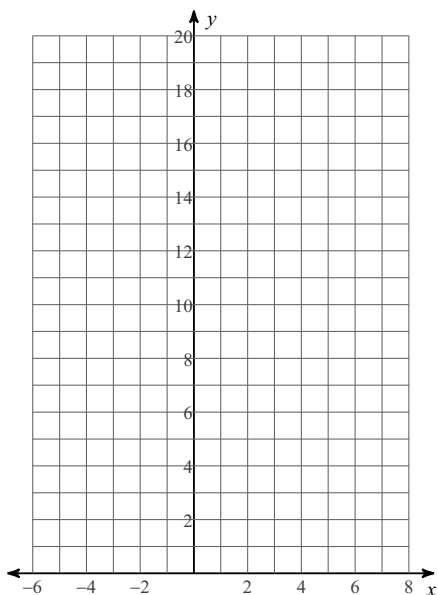
3)  $f(x) = -5 \cdot 2^{x+2} + 2$



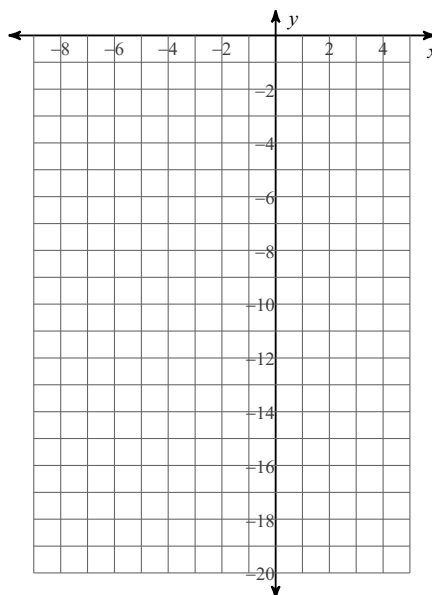
4)  $f(x) = 2 \cdot 2^{x+1} + 1$



5)  $f(x) = 4 \cdot 2^{x-1} + 2$

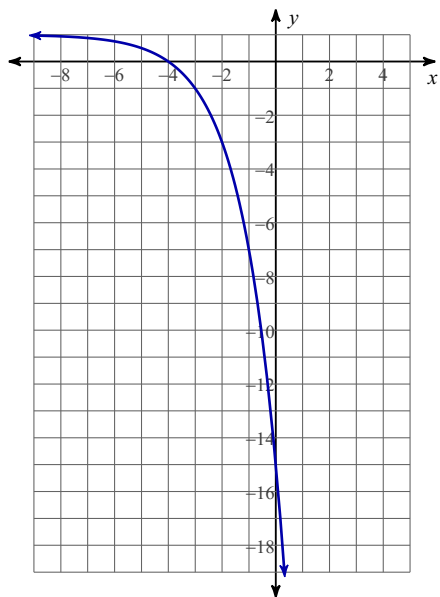


6)  $f(x) = -4 \cdot 2^{x+2} - 2$

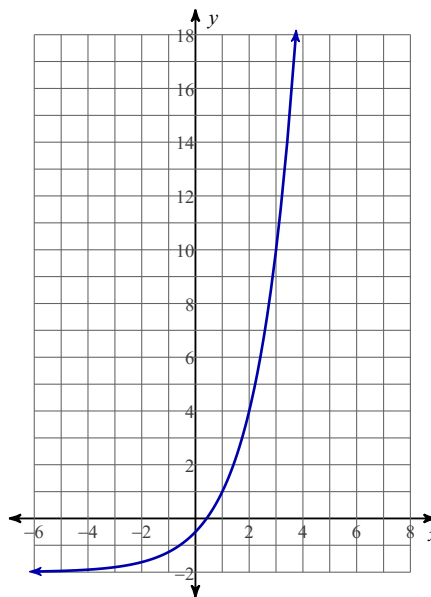


Write an equation for each graph.

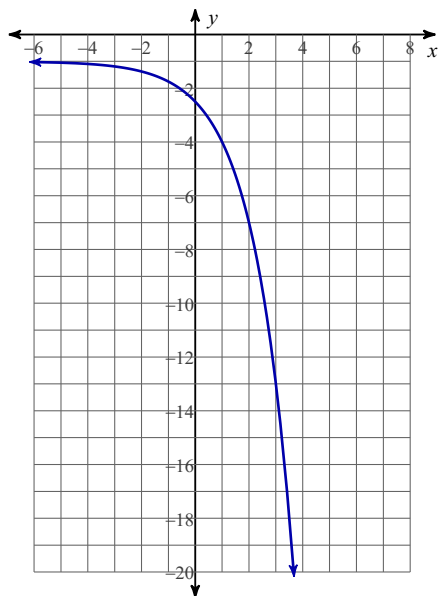
7)



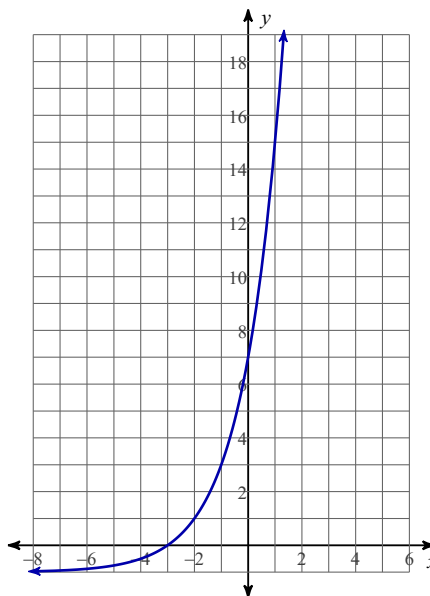
8)



9)

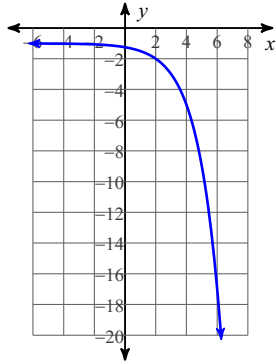


10)

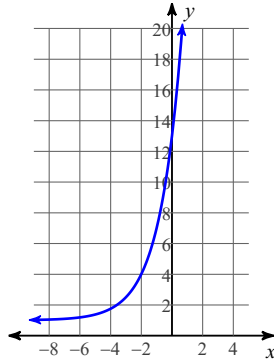


# Answers to 13.1 Practice (ID: 1)

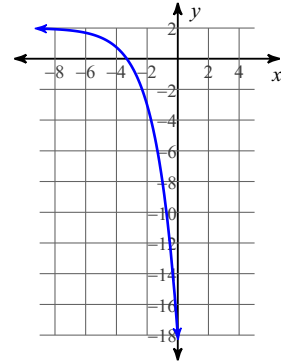
1)



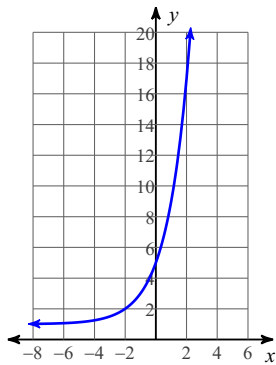
2)



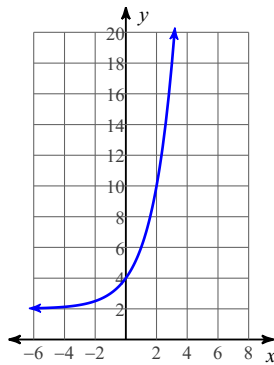
3)



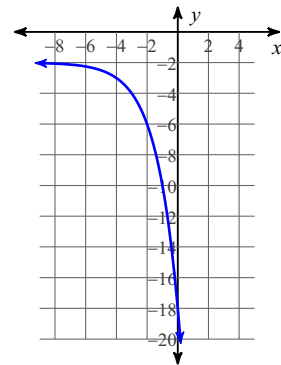
4)



5)



6)



7)  $f(x) = -4 \cdot 2^{x+2} + 1$

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

9)  $f(x) = -3 \cdot 2^{x-1} - 1$

10)  $f(x) = 4 \cdot 2^{x+1} - 1$