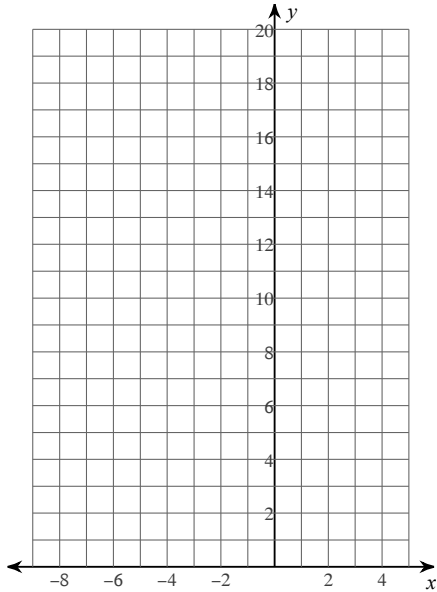


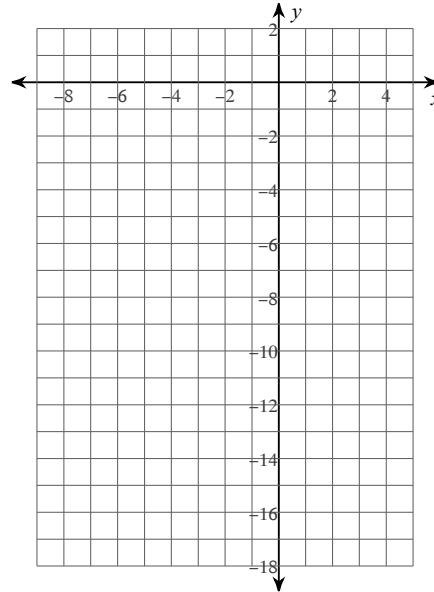
Extra Practice Graphing and Writing Exponential EQs Date _____ Class _____

State if the function is a growth or decay. Sketch the graph of each function by using points (0, a) and (1, ab). Label the asymptote. State the domain and range.

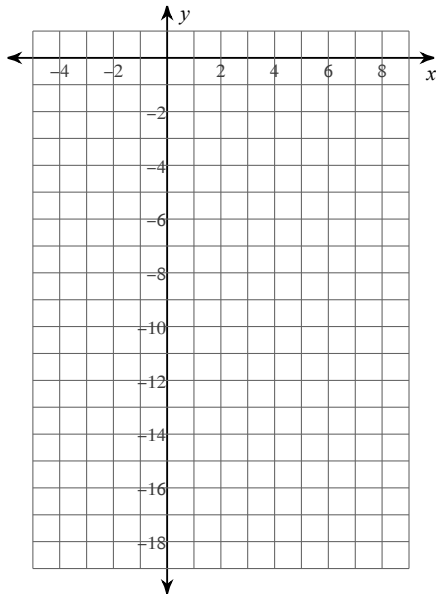
1) $y = 5 \cdot 2^{x+2} + 1$



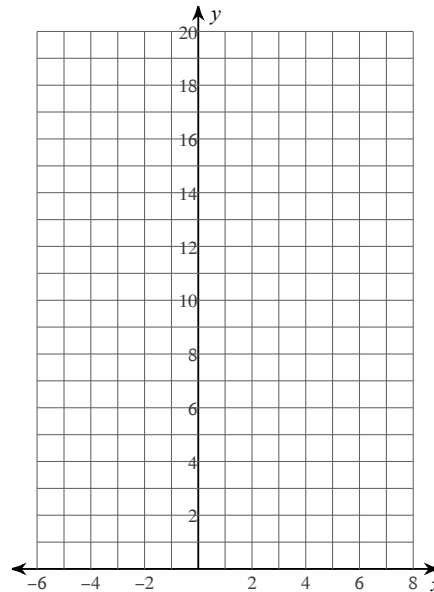
2) $y = -\frac{1}{3} \cdot \left(\frac{1}{2}\right)^{x+2} + 2$



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

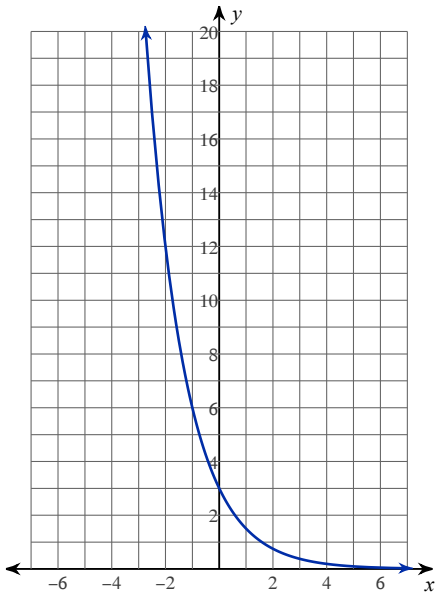


4) $y = 4 \cdot \left(\frac{1}{2}\right)^{x-1} + 2$

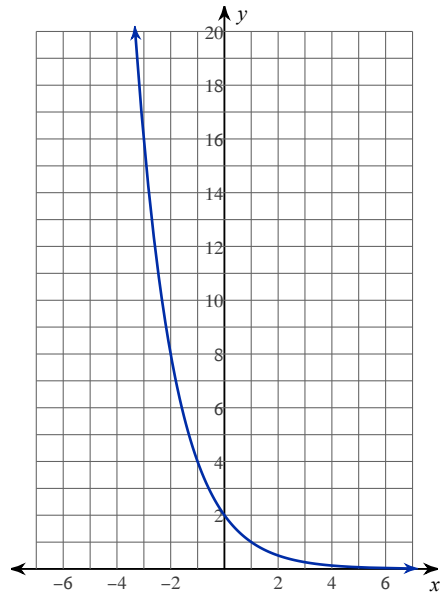


Write an equation for each graph.

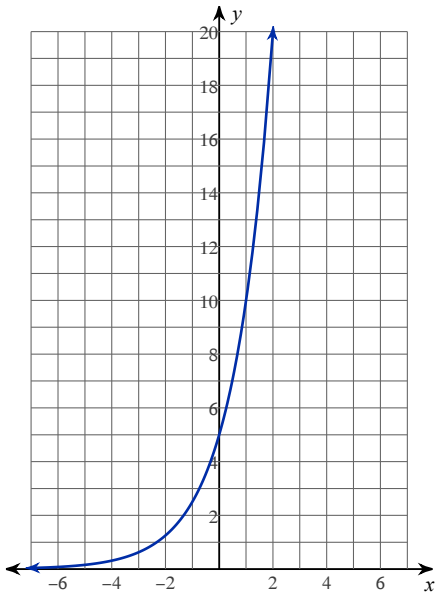
5)



6)



7)



8)

