

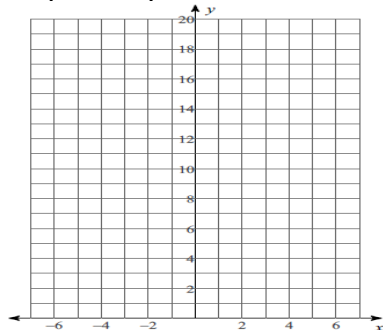
Exponential Functions

Complete the table

$$y = (3)^x$$

x	y
-2	
-1	
0	
1	
2	
3	

Graph the equation above



$a =$ $b =$

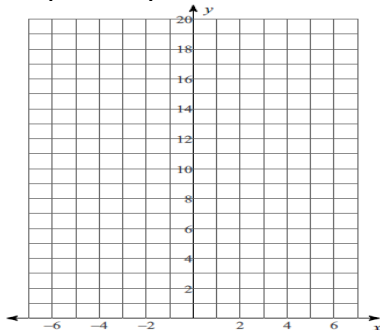
Growth or Decay

Complete the table

$$y = 2(3)^x$$

x	y
-2	
-1	
0	
1	
2	
3	

Graph the equation above



$a =$ $b =$

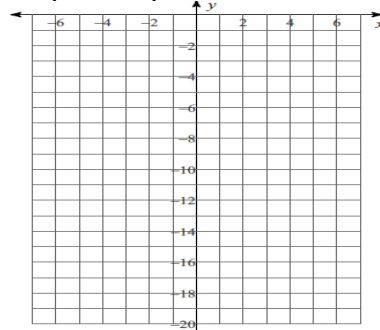
Growth or Decay

Complete the table

$$y = -4(2)^x$$

x	y
-2	
-1	
0	
1	
2	
3	

Graph the equation above



$a =$ $b =$

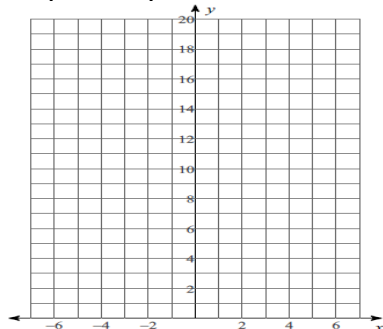
Growth or Decay

Complete the table

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

x	y
-2	
-1	
0	
1	
2	
3	

Graph the equation above



$a =$ $b =$

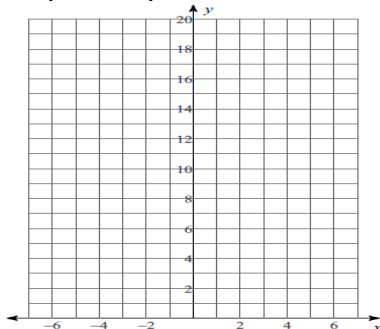
Growth or Decay

Complete the table

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

x	y
-2	
-1	
0	
1	
2	
3	

Graph the equation above



$a =$ $b =$

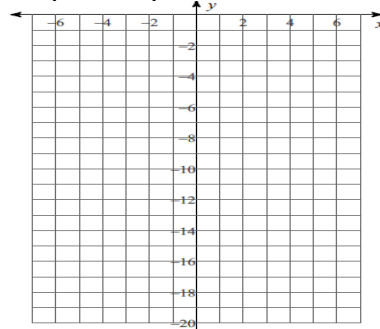
Growth or Decay

Complete the table

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

x	y
-2	
-1	
0	
1	
2	
3	

Graph the equation above



$a =$ $b =$

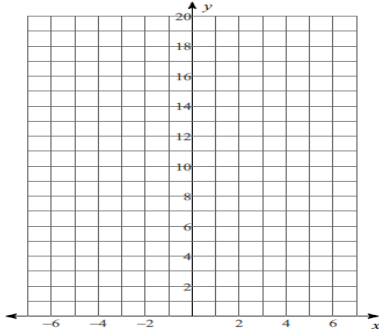
Growth or Decay

Complete the table

$$y = \left(\frac{1}{4}\right)^x$$

x	y

Graph the equation above



$a =$ $b =$

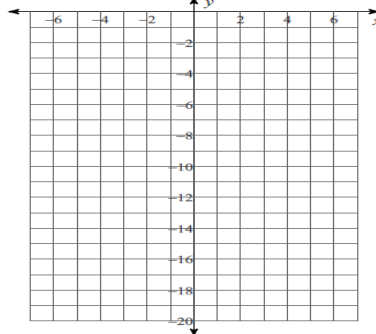
Growth or Decay

Complete the table

$$y = -3(2)^x$$

x	y

Graph the equation above



$a =$ $b =$

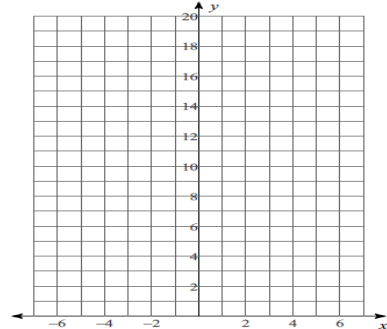
Growth or Decay

Complete the table

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

x	y

Graph the equation above



$a =$ $b =$

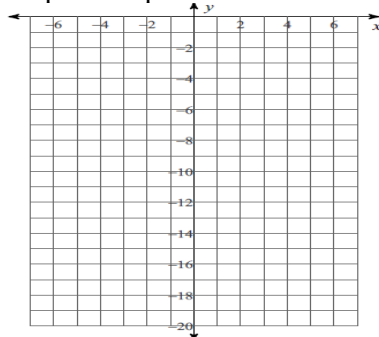
Growth or Decay

Complete the table

$$y = -(4)^x$$

x	y

Graph the equation above



$a =$ $b =$

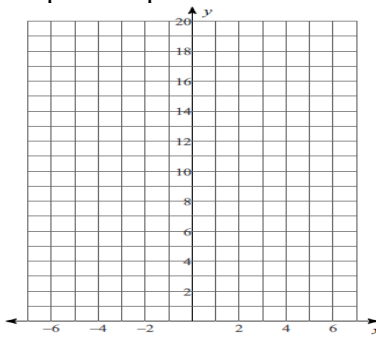
Growth or Decay

Complete the table

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

x	y

Graph the equation above



$a =$ $b =$

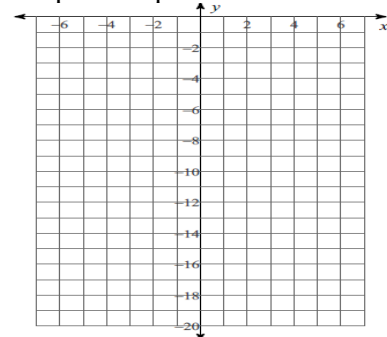
Growth or Decay

Complete the table

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

x	y

Graph the equation above



$a =$ $b =$

Growth or Decay