Exponential Functions $y = f(x) = a \cdot b^x$

$y = f(x) = 2 \cdot 3^x$ Important numbers:

x	$y = f(x) = 2 \cdot 3^x$
-1	
0	
1	
2	
3	
4	

Describe the pattern in x and y:

The y-intercept is
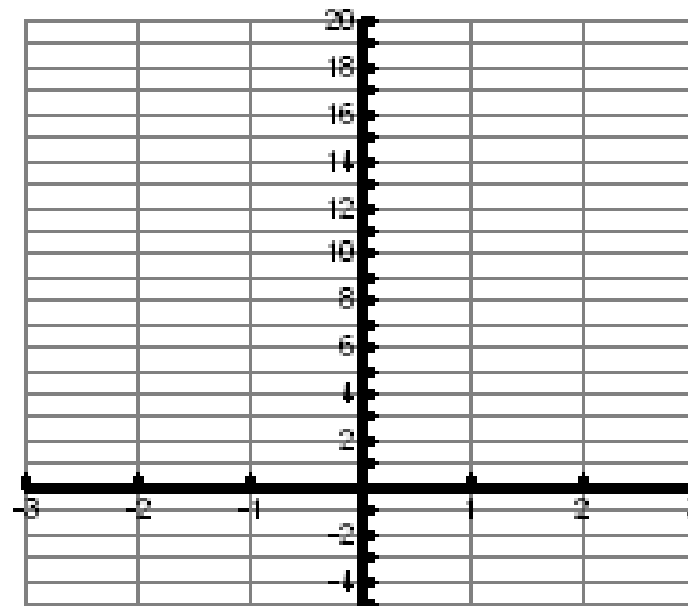
Domain =

Range =

Exponential Functions

$$y = f(x) = a \cdot b^x$$

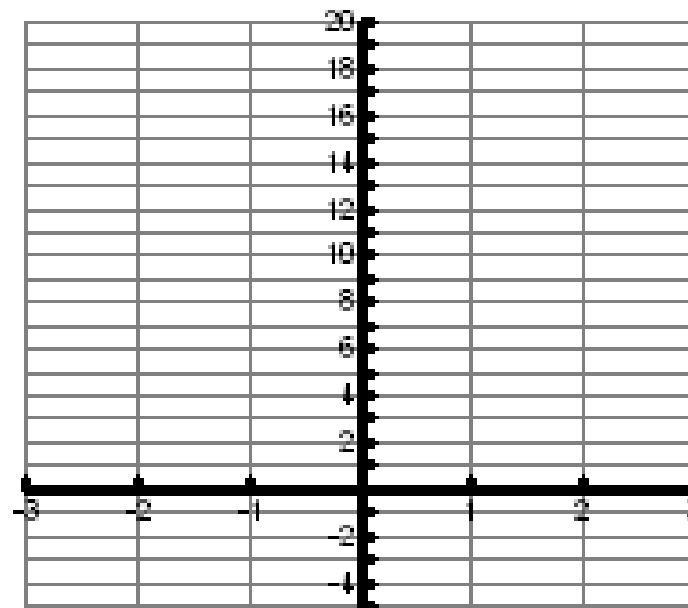$$y = f(x) = 8 \cdot (1/2)^x$$

Important numbers: $a = 8$; $\quad b = 1/2$

x	$y = f(x) = 8 \cdot (1/2)^x$
-1	
0	
1	
2	
3	
4	

Describe the pattern in x and y:

The y-intercept is

Domain =

Range =