An exponential function is in the form

$$y = a \cdot b^x$$

where $a \neq 0$ and b is greater than 0 and not equal to 1

Examples:

$$y = 3 \cdot 2^x \qquad\qquad y = 0.5 \cdot 2^x \qquad\qquad y = 5 \cdot 0.5^x$$

Complete the table for the following exponential functions:

$$y = 1 \cdot 3^x$$

x	$1 \cdot 3^x$	y
-2		
-1		
0		
1		
2		

Complete the table for the following exponential functions:

$y = 2 \cdot 5^x$

x	$2 \cdot 5^x$	y
-2		
-1		
0		
1		
2		

Complete the table for the following exponential functions:

$y = -3 \cdot 2^x$

x	$-3 \cdot 2^x$	y
-2		
-1		
0		
1		
2		

An exponential function is in the form

$$y = a \cdot b^x$$

where $a \neq 0$ and b is greater than 0 and not equal to 1