

## Graphing Exponential Functions

Complete the table below and graph the functions  $y = 2^x$ ,  $y = 3^x$ ,  $y = \left(\frac{1}{2}\right)^x$ ,  $y = -2^x$ , and  $y = 2^{-x}$  on the set of axes drawn below.

$x$	$2^x$	$3^x$	$\left(\frac{1}{2}\right)^x$	$-2^x$	$2^{-x}$
-3					
-2					
-1					
0					
1					
2					
3					

