

Exponential Functions

$$y = b^x$$

Natural number $e =$

$$y = 2^x$$

x	y
2	
1	
0	
-1	
-2	

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

x	y
2	
1	
0	
-1	
-2	

Compound Interest

Ex. \$8,000 invested for 6 years at 7% compounded
monthly or compounded continuously?