

7.1 Exponential Functions

	x	$\left(1 + \frac{1}{x}\right)^x$
1.	10	2.5937
	100	2.7048
	1000	2.7169
	10000	2.7181
	100000	2.7183
	1000000	2.7183
	number of terms	estimate
2.	1	2
	2	2.5
	3	2.6667
	4	2.7083
	5	2.7167
	6	2.7181
3.	501.1872	
4.	18612.5195	
5.	5.4261×10^{31}	
6.	.000007663	
7.	3,479,600.	
8.	\$17,908.48	
9.	\$18,220.29	
10.	\$18,221.19	
11.	.0624 millicuries	