

Name _____ Date _____

Understanding Positive and Negative Exponents

	Scientific Notation	Decimal	Fraction	Expanded Form
1	10^0	1.0000	$\frac{1000}{1000}$	One thousand
2	10^1			
3	10^2			
4	10^3			
5	10^4			
6	10^5			
7	10^6			

8. What do you notice about the change from number one to number six? What is the pattern?

	Scientific Notation	Decimal	Fraction	Expanded Form
8	2^0	1.0	$\frac{1}{1}$	One
9	2^1			
10	2^2			
11	2^3			
12	2^4			
13	2^5			
14	2^6			

*15. Thinking Question - 10^0 could be rewritten as $1(10^0)$. How would you rewrite 2^0 as a fraction according to the example given in the previous sentence? Show your work on the back of this page.