Name: _____ Date: ____

Section 1 Factoring Numbers

ABSORB

These are the **factors** of 16:1, 2, 4, 8, 16. This is because $1 \times 16 = 16$, $2 \times 8 = 16$, and $4 \times 4 = 16$.

A composite number, such as 16, can possibly be reduced if it appears in a fraction or equation. A **prime number** has only 1 and itself as factors and, therefore, cannot be reduced. The numbers 11, 13, and 17 are a few examples of the many prime numbers. Being able to recognize composite or prime numbers is useful, not only for working with fractions, but also in later applications involving equations.



APPLY		List all factors for each number. Write "prime" if the number has only 1 and itse as factors.
1.	4	
2.	12	
3.	18	
4.	31	
5.	48	
6.	55	TO THE RESERVE TO THE
7.	67	
8.	71	
9.	90	
10.	105	
11.	111	
12.	200	
13.	301	
14.	400	
15.	425	