

Worksheet 1: Prime or Composite? An Investigation

Name: _____

Date: _____

Class: _____

Instructions: For each number from 1 to 20, use tiles, draw arrays, or use multiplication facts to find all its factors. Then, classify the number as **Prime** or **Composite**. Remember the special case for the number 1.

Number	List ALL Its Factors	Prime or Composite?
1		Neither
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		

Number	List ALL Its Factors	Prime or Composite?
12		
13		
14		
15		
16		
17		
18		
19		
20		

Analysis Questions:

1. Look at your list of Prime numbers. What is always true about the number of factors a prime number has?

2. Look at your list of Composite numbers. What is always true about the number of factors a composite number has?

3. Why is the number 1 not considered a prime number?
