

Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Prime & Composite Numbers

A **PRIME** number is:  
A number that has only 2 factors: 1 and itself.  
For example:  
 $7 \times 1 = 7$   
1 and 7 are the only factors for the number 7.

A **COMPOSITE** number is:  
A number that has more than 2 factors.  
For example:  
 $6 \times 1 = 6$   
 $2 \times 3 = 6$   
The number 6 has different factors.

Directions: Look at the factors for each number. Decide if the number is prime or composite.

1. The number is 9  
The factors are:  
 $1 \times 1 = 9$   
 $3 \times 3 = 9$

This number is \_\_\_\_\_

2. The number is 5  
The factors are:  
 $5 \times 1 = 5$

This number is \_\_\_\_\_

3. The number is 8  
The factors are:  
 $8 \times 1 = 8$

This number is \_\_\_\_\_

4. The number is 12  
The factors are:  
 $12 \times 1 = 12$   
 $4 \times 2 = 12$   
 $3 \times 4 = 12$

This number is \_\_\_\_\_

Directions: Write all of the multiplication facts for each number. Decide if it is prime or composite.

5.	17	6.	15
This number is _____		This number is _____	
7.	20	8.	3
This number is _____		This number is _____	