

BASIC WORKSHEET

Name: _____ Grade: IV Branch: _____ Date:30/04/20

Subject: Mathematics

Topic: Multiples and Factors

Prime number and Composite number:

- * Numbers that have only two factors (1 and the number itself) are called **Prime numbers**.
- * Numbers that have more than two factors are called **Composite numbers**.
- * To find whether a number is divisor of a given number, we follow certain rules. Rules are called as the **tests of divisibility or divisibility rules**.
- * Divisibility rules table:

Divisibility Rules	
A number is divisible by	
2	If last digit is 0, 2, 4, 6, or 8
3	If the sum of the digits is divisible by 3
4	If the last two digits is divisible by 4
5	If the last digit is 0 or 5
6	If the number is divisible by 2 and 3
7	cross off last digit, double it and subtract. Repeat if you want. If new number is divisible by 7, the original number is divisible by 7
8	If last 3 digits is divisible by 8
9	If the sum of the digits is divisible by 9
10	If the last digit is 0
11	Subtract the last digit from the number formed by the remaining digits. If new number is divisible by 11, the original number is divisible by 11
12	If the number is divisible by 3 and 4

I. Write the Prime numbers as directed:

- a) between 20 and 35
- b) between 25 and 100
- c) between 16 and 69

II. Find the factors of the following numbers and identify prime number or composite numbers:

- a) 42
- b) 3
- c) 64
- d) 17

III. Tick the correct divisibility rule for given below numbers:

Numbers	Divisible by 2	Divisible by 3	Divisible by 4	Divisible by 5	Divisible by 9	Divisible by 10
95						
12						
28						
58						
91						
88						
39						
50						

