INTERNATIONAL INDIAN SCHOOL BURAIDAH

Worksheet for the Academic Year 2025-26

Class -5th Subject : Maths Date : 08/06/2025

Chapter : 4 Factors

A.Fill in the blanks:

1) A number is divisible by 3 if the _____of the digits is divisible by 3.

2) A number is divisible by _____ if the sum of the digits is divisible by 9.

3) A number is divisible by 4 if the number formed by the last _____digits is divisible by 4 or ends with _____

4) A number is divisible by 6 if the number is _____ and divisible by _____

5) Numbers more than 1 that have only 2 factors are called _____.

6) Numbers more than 1 that have more than 2 factors are called_____.

7) _____ has only one factor.

8) _____ is neither prime nor composite.

9) _____ is the only even prime number.

10) When the factors of a number are all prime it is called _____of the number.

11) The _____of two numbers is the greatest number that divides both the numbers without leaving any remainder.

12) The HCF of given numbers cannot be _____ than any one of the numbers.

B. Write true or false:

1) 2 is a factor of every number._____

2) A number is divisible by 10, if the last digit is 0._____

3) The greatest prime number less than 100 is 97 _____

4)The product of two prime numbers is also a prime number. _____

5) All odd numbers are prime numbers. _____

6) The greatest prime number less than 50 is 47 _____

C. Circle the numbers:-

1) Divisible by 3 - 85, 90, 162, 180

2) Divisible by 9 - 81, 102, 131, 405

3) Divisible by 4 - 60, 82, 98, 106, 400

4) Divisible by 6 - 75, 80, 120, 150, 210

D. Find the prime factorisation of these composite numbers:

a) 81 b)24 c)45 d) 60

E. Find the common factors of these numbers. Then mark their HCF

a) 9, 18 b) 4, 20 c) 12, 18 d) 28 , 32

F. Find the HCF of these numbers using prime factorisation method:

a) 16, 20 b) 25, 30 c) 28, 33 d) 36, 28

G. List all the prime numbers from 1 to 100.