

INTERNATIONAL INDIAN SCHOOL BURAIDAH

Worksheet for the Academic Year 2026-27

Class: 5

MATHEMATICS WORKSHEET #4

CHAPTER#4 FACTORS

Date:

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, 21

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.