



INDIAN SCHOOL NIZWA- WORKSHEET

	MATHEMATICS	
	CH-4 Factors and Multiples	
Name:_____	Date:_____	Class: V Sec:___

I. Multiple Choice Questions (MCQs)

- Which of the following is not a factor of 36?
d) 25 c) 18 b) 9 a) 6
- The smallest multiple of 7 is:
d) 14 c) 7 b) 0 a) 1
- Which of the following numbers is a common multiple of 3 and 4?
d) 16 c) 12 b) 8 a) 6
- Which of these numbers is prime?
d) 20 c) 15 b) 12 a) 11

II. Fill in the Blanks

- Factors of 24 are: _____
- Multiples of 5 less than 30 are: _____
- A number with only two factors (1 and itself) is called a _____ number.
- The greatest factor of any number is _____.
- The smallest multiple of any number is _____.

III. True or False

- Every number is a multiple of 1.
- 15 is a factor of 45.
- A prime number has more than two factors.

IV. Short Answer Questions

- Write all the factors of 36.
- Find the first 5 multiples of 9.
- Find the common factors of 24 and 36.
- Find the LCM of 4 and 5.
- Find the HCF of 18 and 24.

V. Word Problems

1. There are 18 apples and 24 oranges. They are to be arranged in rows such that each row has the same number of fruits and no fruit is left. Find the maximum number of fruits in each row.
2. Three bells ring together at 8:00 a.m. They ring at intervals of 12 minutes, 15 minutes, and 20 minutes. At what time will they ring together again?
3. A shopkeeper packs pencils in boxes of 10 and erasers in packets of 12. What is the smallest number of pencils and erasers he can pack?

VI. Draw factor trees for the following numbers:

- a) 72
- b) 60
- c) 48

VII. Case study:

In a school Sports Day, 48 students are in the basketball event. 72 students are in the football event.



Questions:

1. What is the largest number of teams of equal size that can be made if no student is left out?
2. Is the number of teams a factor or multiple of 48?
3. Are 48 and 72 co-prime numbers?
4. Write the first 5 multiples of 48.