## Chapter- 10

## Factors and multiples

## WORKSHEET

A.	FI	LL IN THE BLANKS.
	1.	is a factor of everyone.
	2.	is the first even prime number.
	3.	The smallest multiple of a number is the
	4.	is a multiple of every number.
	5.	Prime numbers are having numbers of factors.
В.	СН	HOOSE THE CORRECT ANSWER.
	6.	Every number is a multiple of
		a. 0 b.1 c. 33 d. None
	7.	Composite numbers are the numbers having more than two factors i.e other than and the number itself.
		a. 0 b 1 c. 33 d. None
	8.	Every number can be expressed as a product of all
		its prime factors.
		a. Prime b. Composite c. HCF d. None
	9.	Composite numbers are having more than factors.
		\a. \a. \d. \text{None}

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10. When a particular number is a multiple of 2 or more numbers, it is called a

- a. LCM
- b. HCF
- c common multiple
- d. None

C. ANSWER THE FOLLOWING QUESTIONS.

11. Write the first five multiples of 18.

2,3,6,9,18

12. Find the HCF of 40, 50 and 60 by prime factorization method.

of 36 and 52 by listing method.

72,108,144,180

14. Find the LCM of 15 and 90 by common division method.

LCM-2x5x3x3=90

15. Find the HCF of 144, 180 and 192 by common division method.

Hcf-2x2x2=6