Chapter- 10

Factors and multiples

WORKSHEET

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	1.	is a factor of everyone.
	2.	is the first even prime number.
	3.	The smallest multiple of a number is the <u>number 156e1F</u> .
	4.	is a multiple of every number.
	5.	Prime numbers are having a numbers of factors.
В.	CH	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. 2 b. 1 c. 3 d. None

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

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

C. ANSWER THE FOLLOWING QUESTIONS.

11. Write the first five multiples of 18.

Ans- 18, 36, 54, 72,90

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

13. Find the LCM of 36 and 52 by listing method.

Multiples of 36= 36, 72, 108, 144, 180, 216, 252, 288, 324, 360, 396,

Multiples of 52= 52, 104, 156, 208, 260, 312, 364, 416, (468).

Here, 468 is the first common multiple of 36 and 52-So, the LCM of 36 and 52 is 468.

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