

A. Fill in the blanks

1. 1 is a factor of every number.
2. 2 is the first even prime number.
3. The smallest multiple of a number is the number itself.
4. 1 is a multiple of every number.
5. Prime numbers are having 2 number of ~~factor~~ factors.

B. Choose the correct answer

6. Every number is a multiple of 1.

7. Composite numbers are the numbers having more than two factors i.e other than _____ and number

itself

b. 1

8. Every _____ number can be expressed as a product of all its prime ~~number~~ factors.

b. Composite

9. Composite numbers are having more than _____ factors.

a. 2

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

b. HCF

Q. 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 by prime factorization method

2	40	2	50
2	20	5	25
2	10		5
	5		

$$40 = 2 \times 2 \times 2 \times 5$$

$$50 = 2 \times 5 \times 5$$

$$2 \times 2 = 4 \quad \text{HCF} = 4$$

Find the LCM by using ~~111~~ 15 and 90 by common

division method

5	15, 90
3	3, 18
3	15, 6 1, 6
2	1, 3

$$5 \times 3 \times 3 \times 2 = 90$$

$$\text{LCM} = 90$$