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[FACTORS AND MULTIPLES] MATHEMATICS | CLASS-IV

Chapter- 10

Factors and multiples

WORKSHEET

A. FILL 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 <u>number itself</u>
4 is a multiple of every number.
5. Prime numbers are having
B. CHOOSE THE CORRECT ANSWER.
6. Every number is a multiple of
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 (om position 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
a. 2 b.1 c.3 d. None

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

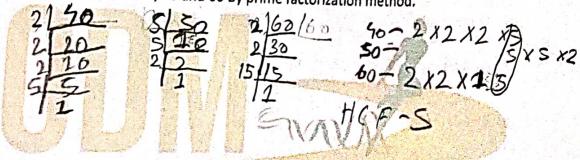
- a. LCM
- b. HCF
- c. Common multiple

C. ANSWER THE FOLLOWING QUESTIONS.

11. Write the first five multiples of 18.

18,1 936,54, 72

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



13. Find the LCM of 36 and 52 by listing method. 36 = 36,72,108,144 188,246,2524 288,324, 52-52 1104, 156 , 208, 260, 322, 364, 526, 968, LCM=0

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

LCM = 3x 3x1=9

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

LCM: 2x2x2x3x2x2 x2x5 960