FACTORS AND MULTIPLES MATHEMATICS | CLASS - V

Chapter- 8

Factors and multiples

WORKSHEET

A. Fill in the blanks :

a) 1. 3, 5 and 15 are called $-f_{a,c, f_{a}, r_{a}, s_{a}}$ of 15.

b) All even numbers are divisible by <u>2</u>

c) ______ is a number which is neither prime nor composite.

d) 18 is a multiple of 3 and 6.

e) Numbers that have only two factors, 1 and the number itself, are called <u>pruime</u>.

numbers.

B. Match the following :

Column – A

Column - B

1. Factor of 35, i) 1 2. Multiple of 5 ,ii) infinite 3. Factor of every number/ hi) 50 4. Smallest prime number ¥v) 7 5. Factors of a number V) 2

C. Do as directed:

a) Find the H.C.F. of 16, 24 and 85.

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b) Find the L.C.M. of 16, 28 and 32

Solution

2116.	28.32
2 81	14,16
14,	7,8
21,	7,2
71,	7, 1
(1)'	1 1

c) The H.C.F. of two numbers is 5 and L.C.M. is 60. If one of the numbers is 20, find the other

Solution

HLF XHL(M = another number Other number 15x 50 = 15 24 The other number is 15.

d) Find the greatest number which divides 90 and 405 without leaving a remainder.

Solution

e) Three bells of a temple began ringing at 9 a.m. The first bell rings after every 30 minutes and the second one rings after every 45 minutes and the third one rings after every hour. At what time will they ring together again?

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