[FACTORS AND MULTIPLES] MATHEMATICS | CLASS - V

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Chapter- 8

Factors and multiples

WORKSHEET

A. Fill in the blanks :

a) 1, 3, 5 and 15 are called for (10) of 15.

b) All even numbers are divisible by $_$ $_$

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

d) 18 is a M9 HPP of 3 and 6.

e) Numbers that have only two factors, 1 and the number itself, are called PLIMC numbers.

B. Match the following :

Column – AColumn – B1. Factor of 35i) 12. Multiple of 5ii) infinite3. Factor of every numberiii) 504. Smallest prime numberiv) 75. Factors of a numberv) 2

C. Do as directed:

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

Solution:

H(F=1

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

Solution:

LCM = 2X2X2X2X2X7X7X2=2

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 number.

Solution:

othen nymber = LCM XHG

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

Solution:

H(F=45)BE Mymichi 43

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 LCM=2X5X3X3X2=180 time will they ring together again?

Solution:

L(Mot 39,45,603 180 min41 B=3 houps at 120 clock to 11 the bells Ring togther