Chapter- 8
Factors and multiples

WORKSHEET

A. Fill in the blanks :

a) 1, 3, 5 and 15 are called _____ of 15.

b) All even numbers are divisible by _____.

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

d) 18 is a _____ of 3 and 6.

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

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	iii) 50
4. Smallest prime number	iv) 7
5. Multiples of a number	v) 2

C. Do as directed:

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

Solution:

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

Solution:

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:

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?

Solution:

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