## Chapter- 8

## Factors and multiples

## WORKSHEET

A. Fill in the blanks :	
a) 1, 3, 5 and 15 are called <u>Fac</u>	10% of 15.
b) All even numbers are divisible by	<u>2</u>
d) 18 is a multiple of 3 and 6.	which is neither prime nor composite.
e) Numbers that have only two fact	tors, 1 and the number itself, are called prime
numbers.	//
B. Match the following :	
Column – A	Column - B
1. Factor of 35	/1) 1
2. Multiple of 5	ii) infinite
3. Factor of every number	(iii) 50 A
4. Smallest prime number	1v) 7 Changing your Tomorrow A
5. Factors of a number	V) 2
C. Do as directed:	
a) Find the H.C.F. of 16, 24 and 85.	
Solution:	160 W. CT

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b) Find the L.C.M. of 16, 28 and 32 16,28,32 2 1.7.2  Solution: 28,14 16 7,17,1  24,7,8 1111  27,7,9 LCM 2X2X2X2X7
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: HEF X L CM C Adhermo 600 15 15 15 20 1
- OUT YEX
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?
So, they will sing togethed again in 12 Noon
So, they will sing together again in 12 Non