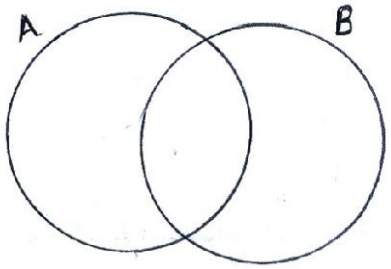
INDIAN SCHOOL NIZWA
WORK SHEET

MATHEMATICS
CH. 6 - Be My Multiple, I'll be your factor

NAME:…….. DATE:……CLASS: V / SEC……..

1. Fill in the blanks-
   a. Factors are also_____ of a number.
   b. The smallest common multiple of 3 & 5 is_____
   c. _____ is a factor of every number
   d. The first four multiples of 6 are _____
   e. Numbers which are multiple of 2 are called _____numbers.
2. State True or False.
   a. 15 is the multiple of 30
   b. 1, 2, 3, 4, 6, 12 are factors of 12.
   c. Biggest common multiple of 4, 6 and 5 is 60
3. Find the HCF of 16, 44 and 84 by listing the factors.
4. Write the factors of 28 in circle A and the factors of 32 in circle B. Write their common factors in the common part of both. Which is the biggest common factor of 28 &32?



5. Find the LCM of 8, 24, & 36.

6. Write the first 6 multiples of 12.

7. Circle the numbers which have 60 as multiple – 28, 15, 5, 10, 2, 3, 22, 12, 16

8. 9 is the factor of which of these numbers 27, 22, 81, 18, 46, 65, 54, 72, 45

9. Find the factors of 20 by arranging 20 seeds in the form of different rectangles (rows & columns)

10. Write any 6 multiples of 8.

11. Write all the factors of 15,48, 120, 75

11. Two wires of 15 cm and 25 cm in length are to be cut into smaller pieces of equal length. What can be the maximum length of each small wire?

12. Three bells rings at interval of 10, 12 and 15 minutes. They rang together at 12 Noon, when will they next ring together?

13. Sunita took some seeds. She made groups of five with them and found one seed was left over. She tried making groups of 6 and groups of 4. Each time one seed was left over. What is the smallest number of seeds that Sunita had?

14. Write the multiple of 4, 5 and 6 in their respective circles. The common multiples of any two or three numbers have to be written in the intersection part of their circles.
Then find out the smallest common multiple of 4,6 and 5

15. Two wires 15 cm and 25 cm in length are to be cut into smaller pieces of equal length. What can be the maximum length of each small wire?

16. Find three common multiples of 2, 3 & 4. What is the LCM of these?

17. List all the factors of 16 and 54. What are the common factors of 16 and 54? What is the highest common factor of 16 and 54?

18. Draw factor tree for the following numbers.

a)24 b)72 c)96

d)120 e) 40