

Mathematics Assignment 5

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Session 2025 – 26

Class – V

MATHEMATICS

L- 5 (Factors and Multiples) and L – 6 (HCF and LCM)

ASSIGNMENT – 5

1. Fill in the blanks:

- a) 7th multiple of 8 - 4th multiple of 4 = _____ multiple of 5.
- b) The greatest factor of 98 is _____.
- c) _____ and _____ are the consecutive prime numbers.
- d) Two numbers having only 1 as their common factor are called _____.
- e) _____ is the smallest 2 digit composite number.

2. Find all the factors of 60.

3. Circle the pairs of twin primes

- a) 13 and 17 b) 21 and 23 c) 29 and 31 d) 71 and 73

4. Find the first 10 multiples of the given pair of numbers. Then list their three common multiples and also find their L.C.M.

4 , 6

Multiples of 4 = _____

Multiples of 6 = _____

Common multiples = _____

L.C.M. = _____

5. Find the common factors and the HCF (Highest Common Factor) of the given pair of numbers.

18, 27

Factors of 18 = _____

Factors of 27 = _____

Common factors = _____

HCF = _____

6. Find the prime factorisation of the following numbers:

a) 84 (using the factor tree method)

b) 75 (using the division method)

7. Find the HCF of 24, 32 and 48 by the prime factorisation method.

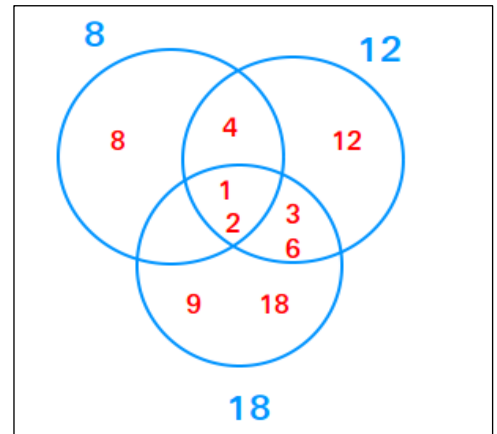
8. Find the LCM of 48 and 60 using division method.

9. Case Study:

The given diagram represent the factors of 8,12 and 18. Read the diagram and answer the following question:

- How many common factors are there in 12 and 18? _____
- Is 4 a common factor of 8 and 12? _____
- What are the common factors of 8 and 18? _____
- What are the common factors of 8, 12 and 18?

- Is 8 and 18 a pair of co-prime number? _____



10. Solve the following problem sums: (Write statements and show working)

- Sohail wants to plant 28 marigold plants and 36 rose plants in his garden. What is the greatest number of rows possible if each row has the same number of marigold plants and the same number of rose plants?
- Three bells ring at intervals of 8, 15 and 16 seconds respectively. At what time will they ring together if they start ringing at 10 a.m?
- The product of two numbers is 120. If their H.C.F. is 6 what is their L.C.M.

Mindspark Questions:

1. Without actually dividing say which of the following numbers when divided by 3 will give remainder 0?

- a) 495 b) 326 c) 306 d) 709

2. Look at the pattern given below.



If the pattern is continued, what will be the 90th term?

- a)  b)  c) 

3. Sneha wants to make a 5-digit number divisible by 4. She arranges 4 numbers as shown below. Which number card should she use so that the number she gets is divisible by 4? (She can repeat digits.)



- a) 0 b) 2 c) 6 d) 7