



CLASS : VI

SUBJECT: MATHS

CHAPTER - FACTORS AND MULTIPLES

Due to the prevailing Covid-19 Coronavirus pandemic, **Central Academy** is happy to launch CAOL - Central Academy Online Learning program to help your child continue the quest for knowledge.

**Read the questions given below and solve them in your rough notebook.**

1. Fill in the blanks.
  - a) 1 is neither ..... nor.....
  - b) The smallest prime number is .....
  
2. Write true or false.
  - a) The sum of two odd numbers is always odd.
  - b) The sum of two even numbers is always even.
  
3. Multiple choice questions.
  - a) Which of the following is a prime number?  
i) 81                      ii) 87                      iii) 91                      iv) 97
  
  - b) Which of following is a composite number?  
i) 23                      ii) 29                      iii) 32                      iv) 11
  
4. Test the divisibility of:  
a) 3456778 by 2              b) 456711 by 3              c) 3456780 by 5  
d) 23456 by 9              e) 4334 by 11
  
5. Give the prime factorization of following numbers:  
a) 48                      b) 252
  
6. Find the HCF of 144 and 198 by prime factorization method.
  
7. Find the LCM of 24, 36 and 40 by prime factorization method.
  
8. Write all the prime numbers between 50 and 100.
  
9. Write the first five multiples of 23.
  
10. The HCF of two numbers is 16 and their product is 3072. Find their LCM.