

**Dr. M. K.K. Arya Model School, Model Town, Panipat**

**Chapter-3 (Playing with numbers)**

**Class-VI**

**Subject-Mathematics**

- 1) Find all the factors of 56.
- 2) Write first 8 multiples of 18.
- 3) Write all the prime numbers between 30 and 50.
- 4) Test the divisibility of 6732 by 3.
- 5) Find the common factors of 15 , 35 and 45
- 6) Express each of the following numbers as the sum of two odd primes.
  - i) 42
  - ii) 60
- 7) Find the HCF of 12 , 18 , 84.
- 8) Find the first two common multiples of 4 and 9.
- 9) Write five pairs of odd prime numbers less than 20 whose sum is divisible by 4.
- 10) Test the divisibility of 973252 by 8.
- 11) Find the LCM of 108, 135, 162 by the prime factorisation method.
- 12) Write down separately the prime and composite numbers less than 30.
- 13) Test the divisibility of 735108 by 6.
- 14) Find the least number which when divided by 6, 15 and 18 leaves remainder 5 in each case.
- 15) 45 roses, 65 carnations and 50 tulips are used to prepare identical flower arrangements. What is the maximum number of such arrangements that can be prepared?