**Aarambh classes**

**Class VI(CBSE)**

**Maths test**

**Playing with numbers**

**Time : 1hour M.Marks :30**

1. List all the factors of 12 and 16.Circle the common factors. 2
2. Express each of the following numbers as the sum of two odd primes . 4

(i)36 (ii)42 (iii) 84 (iv) 24

3. Express each of the following as sum of three odd primes . 4

(i) 31 (ii)49 (iii) 53 (iv) 61

4. Write down three pairs of prime numbers such that their sum is 6

(i) divisible by 3 (ii) divisible by 5

5. Fill in the smallest digit in the blank space so that 6

(i) 156\_9 is divisible by 3 (ii) 470\_ is divisible by 4

(iii) 500\_is divisible by 8 (Iv) 815\_3 is divisible by 9

(v) 6136\_is divisible by 5 (vi) 783\_2 is divisible by 6

6. Find the smallest number exactly divisible by 12,20,24 and 32. 4

7. Find the greatest 4 digit number which is exactly divisible by 12,16,20 and 24 . 4