Holidays Assignment
Class - VI
Mathematics

1. Insert commas & write according to international system.
   18950049
2. Take the digits 4, 5, 6, 0, 7 and 8 using them, make five numbers each with 6 digits & arrange them in ascending & descending order.
3. The capacity of water tank is 300 liters express its capacity in millimeters.
4. A student multiplied 3759 by 231 instead of multiplying by 213. How much was his product greater than the correct product?
5. The distance between the school and Reena's house is 1Km 480m. Every day she walks both ways. What distance she covers in 6 days of a week.
6. What will be the total cost of 3kg banana, 2kg orange and 1/2kg of Papaya? If banana is Rs. 30 per kg, Orange is Rs. 40 per kg, and papaya is Rs. 20 per kg.
7. A factory produces 8565 screws a day. How many screws will it produce in a year? If the factory has 291 working days in the year.
8. Write smallest co-prime number and composite no.
9. In one state, the number of bicycles sold in the year 2002-2003 was 7,43,00. In he year 2003-2004, the number of bicycles sold was 8,00,100. In which year were more bicycles sold and how many more?
10. Write the predecessor of smallest prime number.
11. Find the factory of 68.
12. Write a number which is neither prime nor composite number.
13. Write first five multiples of 7.
14. Express as sum of three odd prime number.
    (a) 53 (b) 71
15. Using divisibility test, determine which no. are divisible by 6.
    (a) 901352 (b) 1790184
16. Using divisibility test, determine which no. are divisible by 11.
17. Write smallest and greatest digit in the blank space so that the number formed is divisible by 3.
    43 _____ 750
18. Write a digit in blank so that the no. formed is divisible by 11.
    (a) 92 ____ 389 (b) 901 _____ 53
19. Write all the number less than 100 which are common multiplies of 6 and 8.
20. Find the common factors of 75, 90 and 150.
21. Find the prime factorization of 980.
22. Draw factor tree of 72.
23. Find all the prime factors of 1729 and arrange them in ascending order. Now state the relation if any; between two consecutive prime factors.
24. Find HCI of 20, 28 and 36.
25. Find LCM of 40, 48 and 45.
26. Two tankers contains 850 litres and 680 litres of Kerosene. Oil respectively. Find the maximum capacity of a container which can measure the Kerosene oil of both the tankers when used an exact no. of times.
27. Find the least number which when divided by 12, 16, 24 and 36 leaves a remainder 7 in each case.
28. In a morning walk three persons step off together their steps measure 80cm, 85cm and 90cm respectively should walk so that all can cover the same distance in complete steps?
29. Determine the greatest 3 digit number exactly divisible by 9, 15 and 45.
30. Find the smallest 4 digit number which is divisible by 32, 64, and 84.