

Name :
Class: VI

Subject :Maths

- 1) Find the product of face value and place value of 8 in 68340.
- 2) a) Write the following integers in a descending order
– 3, –8, 15, – 20, 26, 10
b) Write 5 negative integers less than – 15.
- 3) a) Arrange the following decimal numbers in descending order:
0.52314, 0.52313, 0.53201, 0.52321
b) What number should be subtracted from 18.5 to get 6.2376?
- 4) Find the sum by suitable rearrangement:
 $937 + 146 + 263$ (Mention property used)
- 6) a) Write 4125789 using **international system of numeration**.
b) Write the **numeral** for Eighty two lakh seventy three thousand four hundred ninety three.
- 7) Find the equivalent fraction of $\frac{5}{9}$ having denominator 63.
- 8) Find the cost of fencing rectangular field 96 m long and 78 m wide at Rs. 18 per metre.
- 9) **Solve:** $6x + 8 = 9x + 13$
- 10) Maya runs around a square park of side 60 m and takes 3 rounds of it. Kanchan takes 4 rounds of a rectangular park of length 40 m and breadth 25 m. Find who covers a lesser distance.
- 11) Find the prime factorisation of 8712
- 12) Express 41 as a sum of three odd prime numbers.
- 13) **Simplify :** $2943 + (-756) + (-987) + 87$
- 14) **Using the number line**, write the integer which is -7 more than -4.
- 15) Arrange the following fractions in descending order and also find the sum of following fractions:
 $\frac{5}{7}, \frac{9}{14}, \frac{17}{21}$ and $\frac{15}{42}$
- 16) Subtract the sum of $7m^2 + 5mn - 4$ and $-3mn + 4m^2 + 8$ from the sum of $-8m^2 + 7mn - 8$ and $-7 - 9mn + 4m^2$.
- 17) Find the distance covered by the wheel of an innova cr in 550 revolutions if the diameter

of the wheel is 42 cm.

- 18) A room has rectangular floor of size 300 m by 200 m. A square carpet of side 180 m is laid in the room. Find the area of floor which is not carpeted
- 19) The length, breadth and height of a room are 1050 cm, 750 cm and 425 cm respectively. Find the length of the longest tape which can measure the three dimensions of the room exactly.
- 20) a) Write all natural numbers between 500 and 600 which do not change if the digits are written the reverse order.
b) **Simplify** $754 \times 845 + 754 \times 155$ by using distributivity of multiplication over addition.
- 21) a) Make a list of seven consecutive numbers, none of which is prime.
b) Find the greatest number of four digits which is exactly divisible by each of 8, 12, 18 and 30.
- 22) A marble tile measures 10 cm \times 12 cm. How many tiles will be required to cover a wall of size 3 m \times 4 m? Also, find the cost of the tiles at the rate of Rs. 15 per tile.
- 23) Shikha bought $7\frac{1}{2}$ litres of milk. Out of this milk, $5\frac{3}{4}$ litres was consumed. How much milk is left with her?
- 24) Convert 75.35 into fraction in simplest form.
- 25) Express $25\frac{1}{8}$ as decimals.
- 26) a) The sum of two integers is 238. If one of them is -122 , find the other integer.
b) Write all the integers lying between -4 and -11 in ascending order.
c) Subtract the sum of -5020 and 2342 from -709 .
- 27) a) How many whole numbers are lying between 782 and 1040?
b) Write all the prime numbers between 50 and 82.
c) Using distributivity of multiplication over addition of whole numbers, find the product of 736×104 .