VASISHTHA GENESIS SCHOOL, BARDOLI

(Academic Session: 2023-24)

Date: _____	**Class: 6**	**Div:**	**Roll No: _____**	**Sub: Maths**
Name: _____			**Worksheet -1 (CH-1 & CH-2)**	

Ch-1 & Ch-2

Q1. Write the greatest and the smallest 4-digit numbers, satisfying the conditions given:

(i) 9, 0, 5 ,7 (Condition : Digit 0 is always at hundreds place)
(ii) 6,3,2 (Condition: when repetition of digits allowed)
(iii) 9, 3, 7, 1, 6 (Using any one digit twice)

Q2. Convert the following:

(i) 1 crore = _____ lakhs	(ii) 1 million = _____ lakhs
(ii) 9 kL 5 L =_____L = _____ mL	(iv) 8 kg 10 g = _____ g
(v) 16 m = _____ mm	(vi) 3 m 7 cm = _____cm

Q3. Write 200485205 in both the Indian number system and International number system of numeration using commas. Also write number name.

Q4. Find the difference between the smallest 7-digit number and the largest 4-digit number.

Q5. If 47,000 trees are cut every day to make tissue papers, how many trees are cut in a leap year to make tissue paper?

Q6. Population of Sundarnagar was 2, 35, 471 in the year 1991. In the year 2001 it was found to have increased by 72, 958. What was the population of the city in 2001?

Q7. A famous cricket player has so far scored 6978 runs in test matches. He wishes to complete 10, 000 runs. How many more runs does he need?

Q8. Population of Agra and Aligarh districts in the year 2001 was 36,20,436 and 29,92,286, respectively. What was the estimated total population of the two districts in that year?

Q9. 5,223,468 students are studying in 958 colleges. Estimate how many students are there in each college.

Q10. Number of two wheelers and four wheelers on Delhi roads are respectively 63,56,324 and 35,98,204. Find out estimated difference between number of two wheelers and four wheelers.

Q11. Find the difference between the greatest and the smallest numbers that can be formed, using each of the digits 4, 0, 9, 1 and 5 only once.

Q12.Write the corresponding Hindu-Arabic numeral for following:

(i) LXXVIII	(ii) MDCVI
(iii) MMMCCCXL	(iv) CMLXX

Q13. Write the corresponding Roman numeral for following:

(i) 1985	(ii) 459
(iii) 2025	(iv) 949
(v) 199	(vi) 389

Q14. Add the following using number lines:

(i) 4 + 5

(ii) 6 + 7

Q15. Subtract the following using number lines:

(i) 4 from 10

(ii) 6 from 11

Q16. Multiply the following using number line:

(i) 3 and 4

(ii) 4 and 2

Q17. Divide the following using number line:

(i) 8 by 2

(ii) 12 by 6

Q18. Find the sum of following by suitable rearrangement:

(i) 153 + 459 + 847	(ii) 236 + 208 + 564

Q19. Find the product of following by suitable rearrangement:

(i) 4 × 586 × 25	(ii) 2 × 1768 × 50

Q20. Find the value of following using suitable property:

(i) 2545 × 645 - 145 × 2545	(ii) 749 × 365 + 35 × 749

Q21. Find the product of using suitable property:

(i) 425 × 109	(ii) 738 × 103

Q22. Simplify the following expressions:

(i) [(60 ÷ 3) x 5] ÷ (27 - 2)	(ii) 35 ÷ (3 × 2 + 1) + { 45 – 3 (4 of 3 - 2)}
(iii) 15 ÷ 3 × 7 + 14 – 3 × (1 + 5)	(iv) 15 ÷ 3 – 2 of 4 + 6 $(2 \times \overline{3 + 1})$

(v) $15 \div 3 \times 7 + 14 - 3 \times (1 + 5)$	(vi) [45 – { 3 of ($9\overline{-5}$ + 2) – 10 }] + 3

Q.23 Find the value of the following:

(i) $887 \times 10 \times 461 - 361 \times 8870$	(ii) $442 \times 2 \times 104 + 96 \times 884$

Q24. How many whole numbers are there between 110 and 45?

Q25. How many natural numbers are there between 97 and 32?