

# NUMBER SYSTEM

# 2

**Q1. Write the largest 7-digit number having 7 different digits.**

Answer: \_\_\_\_\_

**Q2. Write all the 3-digit numbers that can be formed using 2, 7 and 5 without repetition.**

Answer: \_\_\_\_\_

**Q3. Find the smallest 7 digit number divisible by 10. What will be the sum of place values of all the 0's in the number?**

Answer: Smallest 7 digit number divisible by 10: \_\_\_\_\_

Sum of place values of 0's: \_\_\_\_\_

**Q4. How many numbers are there between the largest 6 digit number and the smallest 4 digit number?**

Answer: \_\_\_\_\_

**Q5. Find the place value of the two underlined digits in the following number:**

700894

Write their product.

Place value of 0: \_\_\_\_\_

Place value of 9: \_\_\_\_\_

Product of place values: \_\_\_\_\_

**Q6. Divide the smallest 6 digit number by the smallest 4 digit number.**

Quotient = \_\_\_\_\_

Remainder = \_\_\_\_\_

**Q7. The children with roll numbers 4597 to 7896 are sitting in class VI-A. Mrs. Rashmi has to distribute 2 sheets to each student of the class. How many sheets will Mrs. Rashmi need ?**

Answer: \_\_\_\_\_

**Q8. Arrange in ascending order:**

785690, 786590, 876590, 867590

Answer: \_\_\_\_\_

**Q9. Replace the '\*' with the correct digits:**

	7	*	9	6
-	5	8	*	*
	*	0	4	7

**Q10. Fill in the blanks using properties of multiplication and division:**

a.  $2978 \times \underline{\quad} = 2978$

b.  $459 \div \underline{\quad} = 459$

c.  $7200 \div \underline{\quad} = 9$

d.  $38 \times 900 \times 0 = \underline{\quad}$

## ANSWERS

1. 9876543
2. 275, 257, 572, 527, 752, 725
3. 1000000; 0
4. 9,98,998
5. 0, 90, Product=0
6. Q=100, R=0
7. 6600 answer sheets
8.  $785690 < 786590 < 867590 < 876590$
9. 

	7	8	9	6
-	5	8	4	9
	2	0	4	7
10.
  - a. 1
  - b. 1
  - c. 800
  - d. 0