

DELHI PUBLIC SCHOOL, GANDHINAGAR

CLASS : 5

SUBJECT: MATHS

Academic Session 2022-23

CHAPTER- 1

LARGE NUMBERS (IN MATHS NOTEBOOK)

MY PRACTICE TIME 7

Q.1 Write the Roman numeral for the following numbers.

a) 57

$$= 50 + 7$$

$$= LVII$$

b) 94

$$= 90 + 4$$

$$= XCIV$$

c) 134

$$= 100 + 30 + 4$$

$$= CXXXIV$$

d) 579

$$= 500 + 70 + 9$$

$$= DLXXIX$$

g) 2012

$$= 2000 + 12$$

$$= MMXII$$

i) 3521

$$= 3000 + 500 + 20 + 1$$

$$= MMMDXXI$$

H.W.- (h)

Q.2 Write the Hindu-Arabic numeral for the following numerals.

a) LVI

$$= L + VI$$

$$= 50 + 6$$

$$= 56$$

c) **XLIX**

$$= \text{XL} + \text{IX}$$

$$= 40 + 9$$

$$= 49$$

d) **MDCLI**

$$= \text{M} + \text{D} + \text{C} + \text{L} + \text{I}$$

$$= 1000 + 500 + 100 + 50 + 1$$

$$= 1651$$

e) **DCXIV**

$$= \text{D} + \text{C} + \text{XIV}$$

$$= 500 + 100 + 14$$

$$= 614$$

g) **DCCXXIX**

$$= \text{D} + \text{C} + \text{C} + \text{XX} + \text{IX}$$

$$= 500 + 100 + 100 + 20 + 9$$

$$= 729$$

Q.3 Solve the following.

a) **CDIII + CMXXIX**

$$= (500 - 100 + 3) + (1000 - 100 + 29)$$

$$= 403 + 929$$

$$= 1332$$

$$= \text{MCCCXXXII}$$

c) **DCCCXIX + XXXIX**

$$= (500 + 300 + 19) + (30 + 9)$$

$$= 819 + 39$$

$$= 858$$

= DCCCLVIII

f) MXXIV – DCCXXIV

$$= (1000 + 20 + 4) - (500 + 200 + 24)$$

$$= 1024 - 724$$

$$= 300$$

$$= \text{CCC}$$

WORKSHEET (IN NOTEBOOK)

Q.1 (a) 45806733

Indian System: 4,58,06,733

Four crore fifty-eight lakh six thousand seven hundred thirty-three

International System: 45,806,733

Forty-five million eight hundred six thousand seven hundred thirty-three

Q.2 (a) $45,89,126 = 40,00,000 + 5,00,000 + 80,000 + 9,000 + 100 + 20 + 6$

Place-value of 4 = 40,00,000

COMPETENCY BASED QUESTIONS

1. Which of these numbers is between 5550 and 5650 ?

(a) 5652 (b) 5662 (c) 5526 (d) 5626

2. 21 hundred, 35 tens and 4 ones are equal to 2,454

3. What is four thousand and two in numerals? 4,002

4. 8 thousands + 7 tens = 6 thousands + 207 tens

5. If the thousands and the tens digit of the number 9372 are interchanged, by how much does the value of the number change?

$$= 9,372 - 7,392$$

$$= 1,980$$

REFLECTION BASED ON E.L.

Students learnt the following things about large numbers:

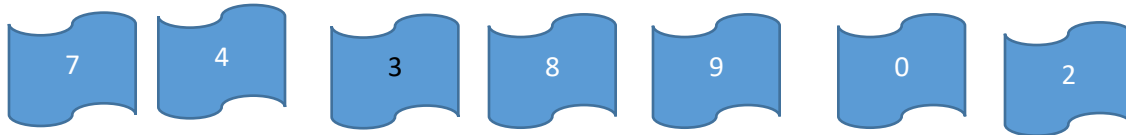
- They learnt to read and write large numbers.

- They learnt every digit in a number has a face value and a place value.
- They wrote numbers using two different systems-the Indian place value system and the International place value system.

SUBJECT ENRICHMENT ACTIVITY 1

(TO BE DONE IN MATHS LAB MANUAL PAGE NUMBER 3)

Use the given digits and answer the following questions.



- a) Greatest 7-digit number _____
- b) Smallest 7-digit number _____
- c) Place-value of 4 in the greatest 7-digit number formed _____
- d) Expanded form of smallest 7-digit number formed _____
- _____
- e) Successor of the greatest 7-digit number formed _____

CHAPTER- 2
FOUR OPERATIONS (IN MATHS NOTEBOOK)

MY PRACTICE TIME 1

Q.1 Add the following.

a) 6,02,37,141 + 2,97,10,353

| | C | TL | L | TTH | TH | H | T | O |
|-------|----------|-----------|----------|------------|-----------|----------|----------|----------|
| | 6 | 0 | 2 | 3 | 7 | 1 | 4 | 1 |
| + | 2 | 9 | 7 | 1 | 0 | 3 | 5 | 3 |
| <hr/> | | | | | | | | |
| | 8 | 9 | 9 | 4 | 7 | 4 | 9 | 4 |
| <hr/> | | | | | | | | |

d) 8,71,16,281 + 63,15,211

| | C | TL | L | TTH | TH | H | T | O |
|-------|----------|-----------|----------|------------|-----------|----------|----------|----------|
| | 8 | 7 | 1 | 1 | 6 | 2 | 8 | 1 |
| + | | 6 | 3 | 1 | 5 | 2 | 1 | 1 |
| <hr/> | | | | | | | | |
| | 9 | 3 | 4 | 3 | 1 | 4 | 9 | 2 |
| <hr/> | | | | | | | | |

g) 2,51,35,151 + 1,16,21,813

| | C | TL | L | TTH | TH | H | T | O |
|-------|----------|-----------|----------|------------|-----------|----------|----------|----------|
| | 2 | 5 | 1 | 3 | 5 | 1 | 5 | 1 |
| + | 1 | 1 | 6 | 2 | 1 | 8 | 1 | 3 |
| <hr/> | | | | | | | | |
| | 3 | 6 | 7 | 5 | 6 | 9 | 6 | 4 |
| <hr/> | | | | | | | | |

H.W.- (j) 48,31,567 + 21,56,321

Q.2 Add.

a) $40 + 6,54,321 + 489$

| | | | | | | |
|---|----------|------------|-----------|----------|----------|----------|
| | | | 1 | 1 | | |
| | L | TTH | TH | H | T | O |
| | | | | | 4 | 0 |
| | 6 | 5 | 4 | 3 | 2 | 1 |
| + | | | | 4 | 8 | 9 |
| | 6 | 5 | 4 | 8 | 5 | 0 |

c) $7,87,68,599 + 1,101 + 1,00,00,102$

| | | | | | | | | |
|---|----------|-----------|----------|------------|-----------|----------|----------|----------|
| | | | | | 1 | 1 | | |
| | C | TL | L | TTH | TH | H | T | O |
| | 7 | 8 | 7 | 6 | 8 | 5 | 9 | 9 |
| | | | | | 1 | 1 | 0 | 1 |
| + | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 2 |
| | 8 | 8 | 7 | 6 | 9 | 8 | 0 | 2 |

g) $6,16,543 + 9,18,918 + 63,21,825$

| | | | | | | | |
|---|-----------|----------|------------|-----------|----------|----------|----------|
| | 1 | | 1 | 2 | | 1 | |
| | TL | L | TTH | TH | H | T | O |
| | | 6 | 1 | 6 | 5 | 4 | 3 |
| | | 9 | 1 | 8 | 9 | 1 | 8 |
| + | 6 | 3 | 2 | 1 | 8 | 2 | 5 |
| | 7 | 8 | 5 | 7 | 2 | 8 | 6 |

Q.3 Fill in the blanks.

a) $7,09,801 + 4,56,179 = 4,56,179 + 7,09,801$

b) $(10,256 + 78,934) + 10,04,006 = 10,256 + (78,934 + 10,04,006)$

c) $12,00,500 + 1 = 12,00,499$

d) $1,56,325 + 0 = 1,56,325$

Q.4 Find the missing digits.

a.

| | | | | | | | |
|---|--------------------------------|--------------------------------|---|--------------------------------|--------------------------------|--------------------------------|---|
| | <input type="text" value="0"/> | 4 | 3 | 9 | <input type="text" value="0"/> | 3 | 4 |
| + | 1 | 7 | 8 | 2 | 7 | <input type="text" value="2"/> | 4 |
| | 2 | <input type="text" value="2"/> | 2 | <input type="text" value="1"/> | 7 | 5 | 8 |

b.

| | | | | | | | | |
|---|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| | 3 | 6 | 4 | 7 | <input type="text" value="0"/> | 5 | 8 | 2 |
| + | 5 | <input type="text" value="7"/> | <input type="text" value="7"/> | 5 | 6 | <input type="text" value="3"/> | 7 | <input type="text" value="7"/> |
| | <input type="text" value="9"/> | 4 | 2 | <input type="text" value="2"/> | 6 | 9 | <input type="text" value="5"/> | 9 |

MY PRACTICE TIME 2

Q.1 Subtract the following.

b.

| | | | | | | | |
|---|----|---|--------------|---------------|--------------|--------------|------|
| | TL | L | <u>TTh</u> | Th | H | T | O |
| | | | (8) | (15) | | | |
| | | | 8 | 15 | | | (12) |
| | 8 | 7 | 9 | 9 | 6 | 2 | 5 |
| - | 6 | 4 | 7 | 7 | 7 | 8 | 4 |
| | 2 | 3 | 2 | 1 | 8 | 4 | 1 |

c.

| | | | | | | | | |
|---|---|----|---|--------------|--------------|--------------|--------------|---|
| | C | TL | L | <u>TTh</u> | Th | H | T | O |
| | | | | (15) | (10) | (11) | | |
| | | | | 5 | 0 | 1 | 12 | |
| | 5 | 8 | 9 | 6 | 1 | 2 | 2 | 3 |
| - | 3 | 0 | 2 | 7 | 5 | 7 | 8 | 1 |
| | 2 | 8 | 6 | 8 | 5 | 4 | 4 | 2 |

f.

| | | | | | | | |
|---|--------------|--------------|--------------|--------------|--------------|--------------|------|
| | TL | L | <u>TTh</u> | Th | H | T | O |
| | | | (11) | (13) | (12) | (10) | |
| | 5 | 1 | 4 | 3 | 2 | 0 | (17) |
| | 6 | 2 | 5 | 4 | 3 | 1 | 7 |
| - | 3 | 5 | 2 | 4 | 3 | 1 | 9 |
| | 2 | 7 | 2 | 9 | 9 | 9 | 8 |

Q.2 Fill in the missing digits in the following.

a.

| | | | | | | | | |
|---|--------------------------------|----|--------------------------------|------------|--------------------------------|---|--------------------------------|---|
| | C | TL | L | <u>TTh</u> | Th | H | T | O |
| | 8 | 7 | 9 | 6 | 5 | 8 | 5 | 9 |
| - | <input type="text" value="2"/> | 3 | <input type="text" value="3"/> | 1 | <input type="text" value="5"/> | 2 | <input type="text" value="3"/> | 5 |
| | 6 | 4 | 6 | 5 | 0 | 6 | 2 | 4 |

d.

| | | | | | | | | |
|---|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| | C | TL | L | <u>TTh</u> | Th | H | T | O |
| | 9 | <input type="text" value="2"/> | 5 | <input type="text" value="6"/> | 8 | <input type="text" value="6"/> | 7 | <input type="text" value="1"/> |
| - | <input type="text" value="7"/> | 1 | <input type="text" value="8"/> | 1 | <input type="text" value="8"/> | 6 | <input type="text" value="8"/> | 0 |
| | 2 | 0 | 7 | 4 | 9 | 9 | 9 | 1 |

Q.3 Fill in the blanks.

a) $2,36,543 - 0 = \underline{2,36,543}$

c) $1,29,51,312 - 1 = \underline{1,29,51,311}$

f) $6,21,34,341 - \underline{1} = 6,21,34,340$

MY PRACTICE TIME 3**Q.1 Multiply the following.**

a. $40,569 \times 21$

| | L | TTh | Th | H | T | O |
|---|---|-----|----|---|---|---|
| | | 4 | 0 | 5 | 6 | 9 |
| × | | | | | 2 | 1 |
| | | 4 | 0 | 5 | 6 | 9 |
| + | 8 | 1 | 1 | 3 | 8 | 0 |
| = | 8 | 5 | 1 | 9 | 4 | 9 |

b. $89,721 \times 3$

| | L | TTh | Th | H | T | O |
|---|---|-----|----|---|---|---|
| | | 8 | 9 | 7 | 2 | 1 |
| × | | | | | | 3 |
| | 2 | 6 | 9 | 1 | 6 | 3 |

c. $6,547 \times 7456$

| | C | TL | L | TTh | Th | H | T | O |
|---|---|----|---|-----|----|---|---|---|
| | | | | | 6 | 5 | 4 | 7 |
| × | | | | | 7 | 4 | 5 | 6 |
| | | | | 3 | 9 | 2 | 8 | 2 |
| + | | | 3 | 2 | 7 | 3 | 5 | 0 |
| + | | 2 | 6 | 1 | 8 | 8 | 0 | 0 |
| + | 4 | 5 | 8 | 2 | 9 | 0 | 0 | 0 |
| = | 4 | 8 | 8 | 1 | 4 | 4 | 3 | 2 |

Q.2 Fill in the blanks.

a. $1,245 \times \underline{9,876} = 9,876 \times 1,245$

b. $\underline{1} \times 41,206 = 41,206$

f. $15,925 \times 0 = \underline{0}$

Q.3 Multiply the following.

a. $4,135 \times 100 = \underline{4,13,500}$

c. $9,187 \times 1,000 = \underline{91,87,000}$

f. $15,000 \times 100 = \underline{15,00,000}$

MY PRACTICE TIME 4

Q.1 Divide the following and also verify your answer.

a. $3,246 \div 120$

a.

$$\begin{array}{r}
 0027 \\
 120 \overline{) 3246} \\
 \underline{- 0} \quad \downarrow \downarrow \\
 32 \quad \downarrow \downarrow \\
 \underline{- 0} \quad \downarrow \\
 324 \quad \downarrow \\
 \underline{- 240} \quad \downarrow \\
 846 \\
 \underline{- 840} \\
 6
 \end{array}$$

Verification: we know that, Dividend = Divisor \times Quotient + Remainder

Here, divisor = 120, quotient = 27 and remainder = 6

$$\therefore \text{Dividend} = 120 \times 27 + 6 = 3240 + 6 = 3246$$

Hence, our division is correct.

b. $4,126 \div 168$

b.

$$\begin{array}{r}
 0024 \\
 168 \overline{) 4126} \\
 \underline{- 336} \quad \downarrow \\
 766 \\
 \underline{- 672} \\
 94
 \end{array}$$

Verification: we know that, Dividend = Divisor \times Quotient + Remainder

Here, divisor = 168, quotient = 24 and remainder = 94

$$\therefore \text{Dividend} = 168 \times 24 + 94 = 4126$$

Hence, our division is correct.

d. $9836 \div 1342$

d.

$$\begin{array}{r}
 0007 \\
 1342 \overline{) 9836} \\
 \underline{- 9394} \\
 442
 \end{array}$$

Verification: we know that, Dividend = Divisor \times Quotient + Remainder

Here, divisor = 1342, quotient = 7 and remainder = 442

$$\therefore \text{Dividend} = 1342 \times 7 + 442 = 9394 + 442 = 9836$$

Hence, our division is correct

e. $36510 \div 5$

$$\begin{array}{r}
 \overline{) 36510} \\
 \underline{35} \\
 15 \\
 \underline{15} \\
 010 \\
 \underline{10} \\
 0
 \end{array}$$

Verification: we know that, $\text{Dividend} = \text{Divisor} \times \text{Quotient} + \text{Remainder}$

Here, divisor = 5, quotient = 7302 and remainder = 0

$$\therefore \text{Dividend} = 7302 \times 5 + 0 = 36510$$

Hence, our division is correct.

h. $9,412 \div 1,253$

$$\begin{array}{r}
 \overline{) 9412} \\
 \underline{8771} \\
 641
 \end{array}$$

Verification: we know that, $\text{Dividend} = \text{Divisor} \times \text{Quotient} + \text{Remainder}$

Here, divisor = 1253, quotient = 7 and remainder = 641

$$\therefore \text{Dividend} = 1253 \times 7 + 641 = 8771 + 641 = 9412$$

Hence, our division is correct.

l. $47,458 \div 43$

$$\begin{array}{r}
 \overline{) 47458} \\
 \underline{43} \\
 44 \\
 \underline{43} \\
 158 \\
 \underline{129} \\
 29
 \end{array}$$

Here, divisor = 43, quotient = 1103 and remainder = 29

$$\therefore \text{Dividend} = 1103 \times 43 + 29 = 47429 + 29 = 47458$$

Hence, our division is correct.

Q.2 Fill in the blanks.

a. $32,685 \div \underline{32,685} = 1$

b. $\underline{0} \div 456 = 0$

e. $12,173 \div \underline{12,173} = 1$

Q.3 Fill in the table.

a.

$$\begin{array}{r} 043 \\ 10\overline{)437} \\ \underline{-40} \\ 37 \\ \underline{-30} \\ 7 \end{array}$$

Q = 43, R = 7

b.

$$\begin{array}{r} 00064 \\ 1000\overline{)64879} \\ \underline{-6000} \\ 4879 \\ \underline{-4000} \\ 879 \end{array}$$

Q = 64, R = 879

c.

$$\begin{array}{r} 0051 \\ 100\overline{)5169} \\ \underline{-500} \\ 169 \\ \underline{-100} \\ 69 \end{array}$$

Q = 51, R = 69

MY PRACTICE TIME 5

1. What should be added to 34,76,415 to get 67,43,109?

$$\text{Required number} = 67,43,109 - 34,76,415 = 32,66,694$$

3. 4,56,496 copies of a book were printed. Out of these, 8,096 copies were distributed as complimentary copies and 2,89,917 copies were sold. How many copies were left with the publisher?

$$\text{Total number of books printed} = 4,56,496$$

Number of

complimentary copies

$$\text{distributed} = 8,096$$

Number of copies sold

$$= 2,89,917$$

Number of copies left with publisher = Total number of copies – (Number of complimentary copies + Number of copies sold)

$$= 4,56,496 - (8096 + 2,89,917)$$

$$= 4,56,496 - 2,98,013 = 1,58,483$$

Thus, 1,58,483 copies of books are left with the publisher.

6. A toy company manufactured 15,36,578 toy cars in a month but sold only 6,98,799 out of them. How many cars were left in the factory godown?

6. Number of toy cars manufactured in a month = 15,36,578
 Number of toy cars sold = 6,98,799
 Number of toy cars left = 15,36,578 – 6,98,799
 = 8,37,779



$$\begin{array}{r}
 \textcircled{14} \quad \textcircled{12} \quad \textcircled{15} \quad \textcircled{14} \quad \textcircled{16} \\
 \textcircled{0} \quad \cancel{4} \quad \cancel{2} \quad \cancel{5} \quad \cancel{4} \quad \cancel{6} \quad \textcircled{18} \\
 \cancel{1} \quad \cancel{5} \quad \cancel{3} \quad \cancel{6} \quad \cancel{5} \quad \cancel{7} \quad \cancel{8} \\
 - \quad 0 \quad 6 \quad 9 \quad 8 \quad 7 \quad 9 \quad 9 \\
 \hline
 0 \quad 8 \quad 3 \quad 7 \quad 7 \quad 7 \quad 9
 \end{array}$$

Thus, there are 8,37,779 toy cars left in the factory godown.

7. A mineral water factory fills 1,453 bottles of one litre capacity per hour. How many bottles of mineral water will be filled by the factory in 124 days., if the factory works 9 hours a day?

7. Number of bottles filled per hour = 1,453
 Number of working hours in a day = 9
 So, number of bottles filled in a day = 1,453 × 9
 = 13,077

$$\begin{array}{r}
 1 \quad 4 \quad 5 \quad 3 \\
 \times \quad \quad \quad 9 \\
 \hline
 1 \quad 3 \quad 0 \quad 7 \quad 7
 \end{array}$$

∴ Numbers of bottles filled in 124 days
 = Number of bottles filled in a day × 124
 = 13,077 × 124 = 16,21,548

| | | | | | |
|---|---|---|---|---|---|
| | 1 | 3 | 0 | 7 | 7 |
| × | | | 1 | 2 | 4 |
| + | 5 | 2 | 3 | 0 | 8 |
| + | 2 | 6 | 1 | 5 | 4 |
| + | 1 | 3 | 0 | 7 | 7 |
| | 1 | 6 | 2 | 1 | 5 |
| | 4 | 8 | | | |

Thus, 16,21,548 bottles will be filled by the factory in 124 days.

15. Mandeep's factory has to deliver 49,162 toys in 26 months. How many toys have to be produced each month to smoothly complete the order?

15. Number of toys to be produced in each month
 $= 49,162 \div 26 = 1,892$

$$\begin{array}{r}
 \overline{) 49192} \\
 \underline{26} \\
 231 \\
 \underline{208} \\
 239 \\
 \underline{ 234} \\
 45 \\
 \underline{ 42} \\
 2 \\
 \underline{ 0} \\
 0
 \end{array}$$

Thus, 1892 toys have to be produced in each month to smoothly complete the order.

MY PRACTICE TIME 6- OMITTED

COMPETENCY BASED QUESTIONS

1. $217 + 398 + 783 - 308 + 7$ equals

(a) 1195 (b) 1097 (c) 1083 (d) 997

2. What number comes in the blank? $400 - 5 + 40 = 500 - \underline{\quad}$

(a) 245 (b) 165 (c) 65 (d) 35

3. Wasim wants to buy sweets to distribute on his birthday. He wants to give 2 sweets to each of his 35 friends and have 10 sweets extra. How should he calculate the number of sweets to buy?

(a) $35 + 2 + 10$ (b) $35 + 2 \times 10$ (c) $35 \times 2 + 10$ (d) $35 \times 2 \times 10$

4. $11/4$ is a number between

(a) 1 and 2 (b) 2 and 3 (c) 3 and 4 (d) 11 and 12

DELHI PUBLIC SCHOOL, GANDHINAGAR

CLASS : 5

SUBJECT: MATHS

Academic Session 2022-23

CHAPTER- 1
LARGE NUMBERS

MY PRACTICE TIME 1

Q.1 Write the given numbers in the place value chart.

| Numbers | C | TL | L | T Th | Th | H | T | O |
|-------------|---|----|---|------|----|---|---|---|
| 8,73,45,678 | 8 | 7 | 3 | 4 | 5 | 6 | 7 | 8 |
| 76,58,134 | | 7 | 6 | 5 | 8 | 1 | 3 | 4 |
| 6,44,79,871 | 6 | 4 | 4 | 7 | 9 | 8 | 7 | 1 |
| 87,65,101 | | 8 | 7 | 6 | 5 | 1 | 0 | 1 |
| 9,53,21,460 | 9 | 5 | 3 | 2 | 1 | 4 | 6 | 0 |
| 2,15,31,167 | 2 | 1 | 5 | 3 | 1 | 1 | 6 | 7 |

Q.2 Insert commas to separate the periods in the following numbers.

- a. 1,73,56,780 c. 99,30,567 e. 9,84,316 h. 9,97,84,136



Q.3 Write the following numbers in words.

- a. 79,86,590 Seventy-nine lakh eighty-six thousand five hundred ninety
b. 4,97,01,062 Four crore ninety-seven lakh one thousand sixty-two
e. 68,41,906 Sixty-eight lakh forty-one thousand nine hundred six
h. 91,46,382 Ninety-one lakh forty-six thousand three hundred eighty-two

Q.4 Write the following as numerals.

- a. Nine crore thirty-six lakh seventy-nine thousand eight hundred thirty-six 9,36,79,836
b. Eighty-five lakh twenty-four thousand six hundred five 85,24,605
d. Two crore eight hundred ten 2,00,00,810

MY PRACTICE TIME 2

Q.1 Find the place value and face value of the underlined digits.

a. **98,74,265** PV = 4000; FV = 4

d. **58,79,066** PV = 8,00,000; FV = 8

f. **8,16,41,785** PV = 8,00,00,000; FV = 8

Q.2 Write the following numbers in expanded form.

a. 4,15,68,130 $4,00,00,000 + 10,00,000 + 5,00,000 + 60,000 + 8,000 + 100 + 30$

c. 98,01,600 $90,00,000 + 8,00,000 + 1,000 + 600$

g. 98,43,561 $90,00,000 + 8,00,000 + 40,000 + 3,000 + 500 + 60 + 1$

h. 58,41,649 $50,00,000 + 8,00,000 + 40,000 + 1,000 + 600 + 40 + 9$

Q.3 Write the following in their standard form.

a. $90,00,000 + 6,00,000 + 80,000 + 9,000 + 200 + 10 + 7 = \underline{96,89,217}$

c. $80,00,000 + 500 + 10 + 7 = \underline{80,00,517}$

e. $3 \times 1,00,00,000 + 5 \times 10,00,000 + 1 \times 1,00,000 + 6 \times 1,000 + 5 \times 10 + 5 \times 1 = \underline{3,51,06,055}$

Q.4 Which of the following is the correct expanded form of 5,16,87,094?

Ans c.

Q.5 Which of the following is the correct standard form of 8,00,00,000 + 7,00,000 + 60,000 + 5,000 + 200 + 90 + 3?

Ans a.

Q.6 Write the standard numeral and its number name for each of the following.

a. $20,00,000 + 4,00,000 + 3,000 + 100 + 10 + 8$

Ans 24,03,118 = Twenty-four lakh three thousand one hundred eighteen

d. $90,00,00,000 + 7,00,00,000 + 8,00,000 + 60,000 + 300 + 1$

Ans 97,08,60,301 = Ninety-seven crore eight lakh sixty thousand three hundred one

MY PRACTICE TIME 3

Q.1 Compare the following numbers and insert >, < or = sign in the space provided.

a. $91,23,451 \leq 6,79,86,010$

c. $51,84,321 \geq 46,64,893$

f. $2,56,73,210 \geq 2,45,93,734$

Q.2 Write the following numbers in ascending order.

a. 71,46,891; 8,17,68,940; 9,41,68,432; 89,76,843

Ans $71,46,891 < 89,76,843 < 8,17,68,940 < 9,41,68,432$

d. 8,46,89,415; 79,74,231; 8,64,11,027; 5,97,00,024

Ans: $79,74,231 < 5,97,00,024 < 8,46,89,415 < 8,64,11,027$

Q.3 Write the following numbers in descending order.

a. 4,95,86,312; 9,87,21,684; 5,19,48,316; 9,84,16,822

Ans $9,87,21,684 > 9,84,16,822 > 5,19,48,316 > 4,95,86,312$

c. 20,14,832; 8,65,17,890; 66,41,748; 9,64,87,196

Ans: $9,64,87,196 > 8,65,17,890 > 66,41,748 > 20,14,832$

MY PRACTICE TIME 4

Q.1 Form the largest and the smallest 7- or 8-digit number using the given digits without repetition.

a. 6, 7, 8, 1, 0, 3, 4

Largest number: 87,64,310 Smallest number: 10,34,678

d. 9, 1, 0, 4, 6, 3, 5, 2

Largest number: 9,65,43,210, Smallest number: 1,02,34,569

f. 2, 1, 7, 9, 0, 3, 6, 4

Largest number: 9,76,43,210, Smallest number: 1,02,34,679

Q.2 Write the successor of the following numbers.

a. Successor of $34,65,102 = 34,65,102 + 1 = 34,65,103$

c. Successor of $98,23,654 = 98,23,654 + 1 = 98,23,655$

f. Successor of $9,73,69,100 = 9,73,69,100 + 1 = 9,73,69,101$

Q.3 Write the predecessor of the following numbers.

a. Predecessor of $76,92,103 = 76,92,103 - 1 = 76,92,102$

b. Predecessor of $34,12,000 = 34,12,000 - 1 = 34,11,999$

f. Predecessor of $9,00,15,000 = 9,00,15,000 - 1 = 9,00,14,999$

Q.4 Form the required number by repeating the given digits.

a. Smallest 7-digit number

i) 4,6,0,3,2

Ans: 20,00,346

b. Largest 7-digit number

i) 2,1,0,5,7

Ans: 7,77,75,210

MY PRACTICE TIME 5

Q.1 Round off the given numbers to the nearest 10's, 100's and 1000's.

a) 41,389

Ans: In 41,389, the digit at unit's place is greater than 5 so add 1 to the number at tens place and put zero at ones place, i.e., 41390

Thus, 41,389 rounded off to the nearest 10's = 41,390

To round off 41,389 to the nearest 100's, check the digit at tens place, i.e., $8 > 5$, so we add 1 to the digit at hundreds place and put zero at tens and ones place.

Thus, the number 41,389 rounded off to the nearest 100's is 41,400.

To round off 41,389 to the nearest 1000's, check the digit at hundreds place, i.e., $3 < 5$. There will be no change in the digit at thousands place and we keep zero at ones, tens and

hundreds place.

b) 85,19,476

Ans: 85,19,476 rounded off to the nearest 10's is 85,19,480 85,19,476 rounded off to the nearest 100's is 85,19,500 85,19,476 rounded off to the nearest 1000's is 85,19,000

f) 467,21,982

Ans: 467,21,982, rounded off to the nearest 10's is 4,67,21,980 4,67,21,982 rounded off to the nearest 100's is 4,67,22,000 4,67,21,982 rounded off to the nearest 1000's is 4,67,22,000

Thus, the number 41,389 rounded off to the nearest 1000's is 41,000.

Q.3 Mr. Rajesh bought a car for ₹8,67,596. Round off the cost of the car to the nearest 10,00's.

Ans: Cost of car = ₹ 8,67,596

The digit at the thousand place is 7 which is greater than 5, so we add 1 to the digit at ten thousand's place and put zero at ones, tens, hundreds and thousands places

Thus, 8,67,596 is rounded off to 8,70,000

Q.4 The total number of vehicles in four major cities of Japan is 3,18,78,917. Round off this number to the nearest (a) 10's (b) 100's (c) 1000's

Ans: a. 3,18,78,917 rounded off to the nearest 100's is 3,18,78,900

b. 3,18,78,917 rounded off to the nearest 1000's is 3,18,79,000

c. 3,18,78,917 rounded off to the nearest 10,000's 3,18,80,000

MY PRACTICE TIME 6

Q.1 Insert commas and write these numbers in words using the international system of numeration.

a) 5014893

5,014,893 – Five million fourteen thousand eight hundred ninety-three

c) 16254893

16,254,893 – Sixteen million two hundred fifty-four thousand eight hundred ninety-three

h) 31125923

31,125,923 – Thirty-one million one hundred twenty-five thousand nine hundred twenty-three

Q.2 Write the following as numerals . Also, write them in their expanded form.

a) Forty lakh five thousand three hundred seven

$$40,05,307 = 40,00,000 + 5000 + 300 + 7$$

b) Seven million seven thousand seventy seven

$$7,007,077 = 7,000,000 + 7000 + 70 + 7$$

d) Eleven million one thousand one hundred

$$10,000,000 + 1,000,000 + 1,000 + 100$$

f) Seventy-seven million six hundred fifty-seven thousand seventeen

$$77,657,017 = 70,000,000 + 7,000,000 + 600,000 + 50,000 + 7000 + 10 + 7$$

