

Sub - Math 8

Ex → 1. Number System.

Q3.

My Practice time 1.

1. Arrange the following numbers in the place Value Chart.

Number	L	TTh	Th	H	T	O
25,431	-	2	5	4	3	1
35,201	-	3	5	2	0	1
3,21,695	3	2	1	6	9	5
1,20,312	1	2	0	3	1	2

2. Write the number names of the following numerals.

(a) 36,521 → Thirty-six thousand five hundred twenty-one.

(b) 25,399 → Twenty-five thousand three hundred ninety-nine.

(c) 65,900 → Sixty-five thousand nine hundred.

(d) 1,02,533 → One lakh two thousand five hundred thirty-three.

(e) 2,51,000 → Two lakh fifty-one thousand.

(f) 98,103 → Ninety-eight thousand one hundred three.

(g) 6,75,473 → Six lakh seventy-five thousand four hundred seventy-three.

(h) 9,89,763 → Nine lakh eighty-nine thousand seven hundred sixty-three.

Q3. Write the numerals of the following number names.

(a) Ninety - five thousand six hundred nine  $\Rightarrow$  95,609

(b) Seventy one thousand twelve  $\Rightarrow$  71,012

(c) Eighty nine thousand nine hundred twenty five  
 $\Rightarrow$  89,925

(d) One lakh three thousand five  $\Rightarrow$  1,03,005

(e) Eight lakh sixty-two thousand one hundred  
ninety-two  $\Rightarrow$  8,62,192

(f) Five lakh ninety-five thousand six hundred  
seventy three  $\Rightarrow$  5,95,673

Q4. Write the place value and face value of the underlined digits.

	Numbers.	Place Value	Face Value
(a)	36, <u>2</u> 41	200	2
(b)	<u>2</u> 1, 982	20000	2
(c)	<u>3</u> 6, 421	6000	6
(d)	50, 9 <u>5</u> 3	50	5
(e)	1, <u>2</u> 5, 364	20000	2
(f)	<u>2</u> , 73, 564	200000	2
(g)	9, <u>8</u> 7, 642	80000	8
(h)	8, 16, <u>5</u> 20	500	5

## My Practice Time 2

Q1. Expand the following numbers.

- (a)  $58,792 = 50,000 + 8,000 + 700 + 90 + 2$   
 (b)  $17,654 = 10,000 + 7,000 + 600 + 50 + 4$   
 (c)  $20985 = 20,000 + 0,000 + 900 + 80 + 5$   
 (d)  $87706 = 80,000 + 7,000 + 700 + 00 + 6$   
 (e)  $8,97,653 = 8,00,000 + 90,000 + 7,000 + 600 + 50 + 3$   
 (f)  $2,00,670 = 2,00,000 + 00,000 + 600 + 70 + 0$   
 (g)  $9,08,087 = 9,00,000 + 00,000 + 8,000 + 000 + 80 + 7$   
 (h)  $1,23,004 = 1,00,000 + 20,000 + 3,000 + 000 + 00 + 4$

Q2. Write the standard form of the following.

- (a)  $20,000 + 5,000 + 600 + 90 + 5 = 25,695$   
 (b)  $1 \times 10,000 + 7 \times 100 + 2 \times 10 + 3 \times 1 = 10,723$   
 (c)  $1,00,000 + 60,000 + 700 + 20 + 7 = 1,60,727$   
 (d)  $5 \times 1,00,000 + 2 \times 10,000 + 3 \times 100 + 2 \times 10 + 9 = 5,20,329$

Q3. Write the following numbers in the expanded form.

- (a) Thirteen thousand sixteen  $\Rightarrow 13016$   
 $\Rightarrow 10,000 + 3,000 + 000 + 10 + 6$   
 (b) Eighty nine thousand six hundred twenty one  $\Rightarrow$   
 $\Rightarrow 89,621 = 80,000 + 9,000 + 600 + 20 + 1$   
 (c) Forty nine thousand one hundred thirty-five  
 $\Rightarrow 49,135 = 40,000 + 9,000 + 100 + 30 + 5$   
 (d) Eight lakh one thousand eleven  
~~8,01,011~~  $8,01,011 = 8,00,000 + 1,000 + 100 + 10 + 1$

My Practice Time 3

Q1. Compare the following using  $>$ ,  $<$  or  $=$  sign.

- (a)  $821765 < 97450$   
(b)  $69475 > 15,824$   
(c)  $5,94,211 < 9,50,213$   
(d)  $6,85,772 > 4,56,923$   
(e)  $9,56,939 = 9,56,939$   
(f)  $5,74,316 > 4,31,245$

Q2. Arrange the following in ascending order.

- (a)  $5,42,478; 62,461; 24,199; 92,489; 2,46,955$   
Ans  $24,199; 62,461; 92,489; 2,46,955; 5,42,478$
- (b)  $3,214; 21,234; 14,321; 1,013; 4,156$   
Ans  $1,013; 3,214; 4,156; 14,321; 21,234$
- (c)  $11,809; 42,131; 11,980; 18,769; 1,97,625$   
Ans  $11,809; 11,980; 18,769; 42,131; 1,97,625$
- (d)  $3,256; 42,135; 39,391; 25,243; 36,344$   
Ans  $3,256; 25,243; 36,344; 39,391; 42,135$
- (e)  $1,39,872; 49,931; 6,64,213; 23,231; 14,213$   
Ans  $14,213; 23,231; 49,931; 1,39,872; 6,64,213$

Q3. Arrange the following in descending order.

(a) 19,876; 29,867; 19,786; 6,798; 8,769  
Ans 6,798; 8,769; 19,7  
Ans 29,867; 19,876; 19,786; 8,769; 6,798

(b) 34,456; 15,973; 18,832; 22,311; 75,588  
Ans 75,588; 34,456; 22,311; 18,832; 15,973

(c) 45,678; 45,089; 45,009; 45,110; 45,900  
Ans 45,900; 45,678; 45,110; 45,089; 45,009

(d) 32,471; 32,576; 32,129; 13,219; 32,993  
Ans 32,993; 32,576; 32,471; 32,129; 13,219

(e) 5,64,213; 56,375; 1,56,142; 3,56,199; 56,253  
Ans 3,56,199; 5,64,213; 3,56,199; 1,56,142; 56,375  
56,253

Q4. Write the Successor of the following. (+1)

(a)  $23,045 + 1 = 23,046$

(b)  $3,29,667 + 1 = 3,29,668$

(c)  $38,231 + 1 = 38,232$

(d)  $74,562 + 1 = 74,563$

(e)  $4,32,329 + 1 = 4,32,330$

(f)  $34,700 + 1 = 34,701$

Q5. Write the predecessor of the following. (-1)

(a)  $41,098 - 1 \Rightarrow 41,097$

(b)  $9,08,000 - 1 \Rightarrow 9,07,999$

(c)  $1,32,341 - 1 \Rightarrow 1,32,340$

(d)  $6,03,089 - 1 \Rightarrow 6,03,088$

(e)  $54,321 - 1 \Rightarrow 54,320$

(f)  $56,678 - 1 \Rightarrow 56,677$

Q6. Form the smallest and the greatest 5 or 6 digit numbers using the digits given below, without repetition.

(a) 6, 5, 3, 2, 1  $\Rightarrow$  Greatest no  $\Rightarrow 65,321$   
Smallest no  $\Rightarrow 12,356$

(b) 1, 0, 5, 9, 8  $\Rightarrow$  Greatest no  $\Rightarrow 98,510$   
Smallest no  $\Rightarrow 10,589$

(c) 2, 6, 1, 3, 4, 7  $\Rightarrow$  Greatest no  $\Rightarrow 764,321$   
Smallest no  $\Rightarrow 1,23,467$

(d) 1, 9, 0, 6, 3, 5 ⇒ Greatest no ⇒ 9,65,310  
Smallest no ⇒ 1,03,569