

# Numbers in India and International System

## IMPORTANT POINTS

1. **Place -Value (Local Value)** : The place – value (Local-value) of a digit depends upon the position, it occupies in the number:

**For example :**

In the number 6453 the place value of 6 is 6 thousand =  $6 \times 1000 = 6000$

the place value of 4 is 4 hundred =  $4 \times 100 = 400$

the place value of 5 is 5 ten =  $5 \times 10 = 50$

the place value of 3 is 3 one =  $3 \times 1 = 3$

2. **Face -Value (True-Value)** : Each digit in a number has a fixed value, regardless to its position in the number

**For Example :**

In the above number 6453

Face of value of 6 is 6, 4 is 4, 5 is 5 and 3 is 3

3. **An Abstract Number** : Which does not refer to any particular unit e.g., 3, 5, 9.
4. **A Concrete Number** : Which refers to particular unit e.g., 3 boys, 5 girls, 9 rooms etc.

The smallest (least) one digit Number is 1.

The largest (greatest) one digit number is 9.

## EXERCISE 3

### Question 1.

Write the following numerals using Indian System words or International system (as required in words) :

(i) 4, 35, 342 = .....

(ii) 36, 71, 430 = .....

(iii) 4, 28, 30, 004 = .....

(iv) 75, 132, 684 = .....

(v) 815, 906 = .....

(vi) 5, 420, 700 = .....

### Solution:

(i) 4, 35, 342 = four lakh, thirty five thousand, three hundred forty two

(ii) 36, 71, 430 = Thirty six lakh, seventy one thousand four hundred thirty

(iii) 4, 28, 30, 004 = four crore, twenty eight lakh, thirty thousand four

(iv) 75, 132, 684 = Seventy five million, one hundred thirty two thousand, six hundred eighty four

(v) 815, 906 = Eight hundred fifteen thousand, nine hundred six

(vi) 5, 420, 700 = Five million, four hundred twenty thousand, seven hundred

### Question 2.

Write the following numbers, placing the commas, according to Indian system :

(i) 835629 = .....

(ii) 35640254 = .....

(iii) 2826040 = .....

**Solution:**

- (i) 835629 = 8, 35, 629
- (ii) 35640254 = 3, 56, 40, 254
- (iii) 2826040 = 28, 26, 041

**Question 3.**

Write the following numbers, by placing the commas, according to International system :

- (i) 6509820 = .....
- (ii) 428140584 = .....
- (iii) 63560981 = .....

**Solution:**

- (i) 6509820 = 6, 509, 820
- (ii) 428140584 = 428, 140, 584
- (iii) 63560981 = 63, 560, 981

**Question 4.**

**Fill in the blanks :**

- (i) Four lakh sixty seven thousand three hundred six.  
= ..... (In numeral form)  
= ..... (In International System)  
= ..... (In International numeration)
- (ii) Thirteen lakh forty five.  
= ..... (In numeral form)  
= ..... (In International System)  
= ..... (In International numerals)

**Solution:**

- (i) Four lakh sixty seven thousand three hundred six  
= 4, 67, 306  
= 467, 306  
= Four hundred sixty seven thousand three hundred six
- (ii) Thirteen lakh forty five  
= 13, 00, 45  
= 130, 045  
= One hundred thirty thousand forty five

**Question 5.**

**Fill in the blanks :**

- (i) Six hundred four thousand eight hundred forty seven.  
= ..... (In numeral form)  
= ..... (In Indian System)  
= ..... (Number name in Indian System)
- (ii) Two million three hundred ten thousand one hundred four  
= ..... (In numeral form)  
= ..... (In Indian System)  
= ..... (In Indian numeration)  
= ..... (In international numerals)

**Solution:**

(i) Six hundred four thousand eight hundred forty seven

= 6, 04, 847

= 604, 847

= Six lakh four thousand eight hundred forty seven

(ii) Two million three hundred ten thousand one hundred four

= 2, 310, 104

= 23, 10, 104

= Twenty three lakh ten thousand one hundred four

= 2, 310, 104