Large Numbers

THINGS TO REMEMBER

1. **Indian System of Numeration :**

Periods →	Crores		Lakhs		Thousands		One		
Places →	Ten Crore	One Crore	Ten Lakhs	One Lakh	Ten Thousands	One Thousand	Hundreds	Tens	Ones

(a) First period in the above system has three places i.e. ones, tens and hundreds.

(b) The next period has two places and is called thousands period.

(c) The period after thousands period has two places and is called lakhs period.

(d) The period after lakhs period has two places and is called crores period.

2. **International System of Numeration :**

Periods →	Millions			Thousands			Ones		
Places →	Hundred Millions	Ten Millions	Millions	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones

(a) In this system only 3 periods — Ones, Thousands and Millions are used to group the first nine places.

(b) Here, all the digits of a period are read together and the name of the period (except the ones) is read along with them.
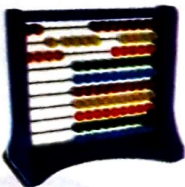
Worksheet-1

1. Write the numerals with commas separating the periods for each of the following number names using the Indian System of Numeration :

(a) Seventy crore fifty-six lakh thirty thousand
ninety-four   : 70,56,30,094

(b) Twenty-five crore eighty-two thousand
two hundred eighty-nine   : 25,00,82,289

(c) Three crore forty-seven lakh ten thousand eight   : 3,47,10,008

(d) Seven crore thirty-two lakh fifty-four thousand
two hundred seventy-five   : 7,32,54,275

(e) Twenty-three crore seventy-one lakh thirty-six
thousand four hundred twenty-four   : 23,71,36,424

2. Using the Indian place value chart, write the number-names of the following numerals :

(a) 73269125   :   Seven crore thirty two lakh sixty nine thousand one hundred twenty five.

(b) 123789643 :   Twelve crore thirty seven lakh eighty nine thousand six hundred forty three.

(c) 487291486 :   Forty eight crore seventy two lakh ninety one thousand four hundred eighty six.

(d) 288976421 :   Twenty eight crore eighty nine lakh seventy six thousand four hundred twenty one.

(e) 49827645   :   Four crore ninety eight lakh twenty seven thousand six hundred forty five

Teacher's Signature : _____

Worksheet-2

1. **Write the numerals with commas separating the periods for each of the following number-names using International System of Numeration :**

   (a) Two hundred thirty-five million six hundred twenty-two thousand eight hundred seventeen : 235,622,817

   (b) Seven hundred eighty-four million four hundred sixty-two thousand two hundred fifty-five : 784,462,255

   (c) Eighty-six million four hundred twenty nine thousand eight hundred twenty-four : 86,429,824

   (d) Four hundred twenty-seven million six hundred thirty-five thousand five hundred sixty-six : 427,635,566

   (e) Forty-eight million three hundred fifty-two thousand seven hundred eighty-eight : 48,352,788

2. **Write the number names for each of the following numerals using the International System of Numeration :**

   (a) 515649832 : Five hundred fifteen million six hundred forty-nine thousand eight hundred thirty-two

   (b) 625354819 : Six hundred twenty-five million three hundred fifty-four thousand eight hundred nineteen

   (c) 289456891 : Two hundred eighty-nine million four hundred fifty six thousand eight hundred ninety one.

   (d) 12568945 : Twelve million five hundred sixty-eight thousand nine hundred forty-five.

   (e) 862954444 : Eight hundred sixty-two million nine hundred fifty four thousand four hundred forty-four.

Worksheet-3

Match the columns in the following :

1.

Column A	Column B
(a) 1 million	(i) 1000 million
(b) 1 billion	(ii) 1000 thousands
(c) 10 million	(iii) 5000 million
(d) 5 billion	(iv) 100 lakhs

2.

Column A	Column B
(a) 1 crore	(i) 1000 thousands
(b) 10 crores	(ii) 100 lakhs
(c) 10 lakhs	(iii) 1000 lakhs
(d) 100 crores	(iv) 10000 lakhs

3.

Column A	Column B	
(a) Place value of the digit 7 in the numeral 769845249 is	(i) 5	(c)
(b) Place value of the digit 9 in the numeral 2694568 is	(ii) 6	(d)
(c) Place value of the digit 5 in the numeral 28645 is	(iii) 90000	(b)
(d) Face value of the digit 6 in the numeral 269845089 is	(iv) 700000000	(a)

Worksheet-4

Choose the correct option in the following questions :

1. Reduced form of the number 900000000 + 30000000 + 60000 + 5 is
   - (a) 930,060,005
   - (b) 903,006,050
   - (c) 930,600,005
   - (d) 903,060,505

2. Place value of the digit 8 in the numeral 25869431 is
   - (a) 80000
   - (b) 800000
   - (c) 8000000
   - (d) 80000000

3. Face value of the digit 3 in the numeral 2980593 is
   - (a) 3
   - (b) 300
   - (c) 300000
   - (d) 3000000

4. Number name of the numeral 398654281 in the Indian System of Numeration is
   - (a) Thirty-nine crore eighty-six lakh five hundred forty two thousand eighty-one.
   - (b) Three ninety eight lakhs six fifty-four thousand two hundred eighty-one.
   - (c) Thirty-nine crore eighty-six lakh fifty-four thousand two hundred eighty-one.
   - (d) Three crore nine hundred eighty-six lakh fifty-four thousand two hundred eighty-one.

5. Number name of the numeral 692461293 in the International system of numeration is
   - (a) Six hundred ninety two million four hundred sixty-one thousand two hundred ninety three
   - (b) Sixty-nine million two hundred forty six-thousand two ninety-three.
   - (c) Six hundred ninety two million four hundred sixety-one thousand ninety-three.
   - (d) Sixty-nine million twenty-four thousand two hundred ninety-three.

6. The numeral for eight crore twenty-five lakh seventy-eight thousand one hundred two is
   - (a) 85278120
   - (b) 82578102
   - (c) 80258102
   - (d) 82571820

7. The numeral for three twenty-five million seven thirty-two thousand eight hundred thirteen is
   - (a) 325723831
   - (b) 325372831
   - (c) 325723138
   - (d) 325732813

8. If the digit 3 and 6 interchange their places the numeral 123456984, then the number name of the new number so formed is
   - (a) One hundred twenty-three million four hundred fifty-six thousand nine hundred eighty-four
   - (b) One hundred twenty-six million four hundred fifty-six thousand nine hundred eighty-four.
   - (c) One hundred twenty-six million four hundred fifty-three thousand nine hundred eighty-four.
   - (d) One hundred twenty-six million four hundred fifty-three thousand nine hundred forty-eight.

Teacher's Signature : _____