



INDIAN SCHOOL DARSAIT
DEPARTMENT OF MATHEMATICS



Subject : Mathematics	Topic : Knowing Our Numbers (1)	Date of Worksheet : 19/04/17
Resource Person: Mrs. Jayalakshmi Ratish		Date : 30/04/17
Name of the Student : _____	Class & Division : VI	Roll Number : ____

<u>Section A - Basic Skills</u>	
1	Compare the following sets of numbers – (a) 25,822 and 32,563 (b) 3,14,273 and 3,14,163
2	Write the place-value of 3 in each of the following numbers- (a) 12,63,475 (b) 13,79,85,672 (c) 63,67,498
3	Arrange the numbers in ascending order – 234517, 234175, 235417, 234170
4	Write successor and predecessor – (a) 1095 (b) 70001 (c) 18999
5	Round off to nearest ten - (a) 248 (b) 9003
6	Write the numbers in expanded form – (a) 9,50,842 (b) 7002 (c) 5,05,050
<u>Section B</u>	
6	Write- a) The smallest 5-digit number using only one digit. b) The greatest 5-digit number using two different digits.
7	What is the difference between the place values of the two 7s in 4,57,89,170
8	Write 30065319 in words according to Indian and International Systems of numeration.
9	Write the following in numbers- a) Sixty-two lakh, forty-one thousand, thirty b) Thirty-two million, sixty thousand, three c) Eight crore, nine lakh, three thousand, four hundred d) Six lakh, six thousand, sixty-six
10	Write the numbers whose expanded forms are given – a) $6000000 + 900000 + 60000 + 9000 + 60 + 1$ b) $5 \times 10000 + 7 \times 100 + 1 \times 10 + 6 \times 1$

11	A group of 684 people from an office plan a picnic. How many mini buses will be required for the trip if there are 36 seats in each bus?
12	The population of a city was 52,83,978 in 2011. In the year 2012, it increased by 62,539. What was the population in 2012?
13	Aakash sold 144 refrigerators at ₹ 9725 each. From the money he bought 150 T.V sets. Find the cost of each T.V set.
14	A tin of biscuits has 14kg of biscuits. Express the weight in milligrams.
15	A student multiplies 5342 by 87 instead of multiplying by 78. How much was his answer greater than the correct answer?
16	To stitch a uniform skirt 2m 10cm cloth is needed. Out of 20m 3cm, how many skirts can be stitched and how much cloth will remain?
17	A vessel has 5 liters and 120 milliliters of mango shake. Into how many glass each of 40 ml capacity, can it be filled?
18	<ul style="list-style-type: none"> a) Find the sum of 7848 and 3768 round off to nearest hundred. b) Estimate the difference (47029 – 39385) to nearest thousand. c) Estimate the product of 97×346 by rounding off each number to nearest hundreds. d) Estimate the product of 613×377 by rounding off each number to nearest tens.
<u>Section C – HOTS</u>	
19	<p>Take two digits 5 and 7. From them make four digit numbers, using both the digits equal number of times.</p> <ul style="list-style-type: none"> a) How many numbers can be formed? b) What is the greatest number? c) What is the smallest number?
20	The sum of my digits is 12. When rounded off to the nearest hundreds, I am 500. Rounding off to the nearest tens makes me 530. What am I?