

### LN:3 A TRIP TO BHOPAL

I. *Work out the problems*

$$\begin{array}{r} 1. \quad 154+ \\ \quad 534 \\ \hline \quad 688 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 1114+ \\ \quad 19 \\ \hline \quad 456 \\ \hline 1589 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 63+ 450- 170 \\ \quad 63 \\ \quad 450 \\ \hline \quad 513 \\ \hline \\ 513 - \\ 170 \\ \hline 343 \\ \hline \end{array}$$

$$4. \quad 735 - 203 + 103$$

$$\begin{array}{r} 735 - \quad 532+ \\ \quad 203 \\ \hline \quad 532 \\ \hline \end{array}$$

$$5. \quad 893 \text{ more than } 4278$$

$$\begin{array}{r} 4278 + \\ \quad 893 \\ \hline \quad 5171 \\ \hline \end{array}$$

$$6. \quad 2110 \text{ less than } 31079$$

$$\begin{array}{r} 31079 - \\ \quad 2110 \\ \hline \quad 28969 \\ \hline \end{array}$$

II. **SOLVE THE PROBLEM**

1. Find the difference between the greatest 5 digit number and the smallest 5 digit number.

$$\begin{array}{r} 99999 - \\ 10000 \\ \hline 89999 \\ \hline \end{array}$$

2. Find the sum of the smallest 6 digit number and the greatest 5 digit number.

$$\begin{array}{r} 100000 \\ 99999 \\ \hline 199999 \\ \hline \end{array}$$

3. Find the difference between the greatest 5 digit number and the greatest 4 digit number.

$$\begin{array}{r} 99999 \\ 9999 \\ \hline 90000 \\ \hline \end{array}$$

- III. USING THE GIVEN DIGIT MAKE THE GREATEST AND THE SMALLEST NUMBER WITHOUT REPEATING THE DIGITS

DIGITS	GREATEST NUMBER	SMALLEST NUMBER
3,8,1	831	138
1,5,3,2	5321	1235
2,7,1,4	7421	1247

#### IV. WORD PROBLEM

1. A factory produces 2346 , 4152 and 1007 bulbs in three days. Find the total number



of bulbs produced in three days.

SOLUTION:

$$\begin{array}{r} \text{First day} = 2346 \text{ bulbs} \qquad 2346 \\ \text{Second day} = 4152 \text{ bulbs} \qquad 4152 \\ \text{Third day} = 1007 \text{ bulbs} \qquad 1007 \quad + \\ \hline \text{Total number of bulbs} = 2346 + 4152 + 1007 \\ \hline 7505 \\ \hline \end{array}$$

® Total number of bulbs are 7505.

2. A water tanker contains 4600 buckets of water. 3515 buckets of water are supplied to a colony. How many buckets of water are left in tanker?

SOLUTION:

$$\begin{array}{r} \text{Amount of water present in the tanker} = 4600 \text{ buckets} \qquad 4600 - \\ \text{Supplied water} \qquad \qquad \qquad = 3515 \text{ buckets} \qquad 3515 \\ \text{Water left in tanker} \qquad \qquad \qquad = 4600 - 3515 \qquad \underline{\hspace{2cm}} \\ 1085 \end{array}$$

® Remaining water in the tanker are 1085 buckets.

3. In a town 40000 persons go to work. Of these 7120 persons travel by car, 20140 by bus, 1513 by cycle and the rest go on foot. How many persons go to work on foot?

SOLUTION:

Persons travel by car	= 7120	7120
Persons travel by bus	=20140	20140
Persons travel by cycle	= 1513	1513
		<hr/>
		28773
Persons go on foot = 40000 – 28773		<hr/>
		40000 -
		28773
		<hr/>
		11227

® Persons go on foot are 11227.