



A) Write the following numbers in words.

- 1) 8,37,400 – Eight lakhs thirty seven thousand four hundred.
- 2) 6,50,170 – Six lakhs fifty thousand one hundred seventy.
- 3) 37,406 - Thirty seven thousand four hundred six.
- 4) 9,00,700 - Nine lakhs seven hundred.
- 5) 6,93,000 - Six lakhs ninety three thousand.

B) Write the following numbers in figures and mark the periods.

- 1) Nine lakhs thirty-seven thousand five hundred. 9,37,500
- 2) Twenty two thousand two hundred twelve. 22,212
- 3) One lakh seventy-two thousand. 1,72,000
- 4) Three lakhs three thousand three. 3,03,003

C) Arrange the numbers in ascending and descending order.

- 1) 80178; 81087; 88107; 88017; 80187

Ascending: $80178 < 80187 < 81087 < 88017 < 88107$

Descending: $88107 > 88017 > 81087 > 80187 > 80178$

- 2) 3,73,493; 3,73,943; 3,73,349; 3,73,439; 3,37,493

Ascending: $3,37,493 < 3,73,349 < 3,73,439 < 3,73,493 < 3,73,943$

Descending: $3,73,943 > 3,73,493 > 3,73,439 > 3,73,349 > 3,37,493$

D) Write the following in expanded form.

- 1) $3042 = 3,000 + 0 + 40 + 2$
- 2) $97153 = 90,000 + 7,000 + 100 + 50 + 3$
- 3) $2746 = 2,000 + 700 + 40 + 6$

E) Write the predecessor and successor of the following:

- | | | |
|-------------|-----------------------------|---------------------------|
| 1) 837410 – | Predecessor – <u>837409</u> | Successor – <u>837411</u> |
| 2) 700000 - | Predecessor – <u>699999</u> | Successor – <u>700001</u> |
| 3) 99999 - | Predecessor - <u>99998</u> | Successor - <u>100000</u> |
| 4) 210008 - | Predecessor - <u>210007</u> | Successor - <u>210009</u> |
| 5) 867428 - | Predecessor - <u>867427</u> | Successor - <u>867429</u> |

F) Write the face value and place value of the encircled digits.

- 1) ④8,7 4 2 - Face value - 4 Place value - 40,000
- 2) 9,6 3④7 5 - Face value - 4 Place value - 400
- 3) 3,7 2,1①5 - Face value - 0 Place value - 0
- 4) 3,9⑦,000 - Face value - 7 Place value - 7,000

G) Fill in the blanks.

- 1) 100 thousand = 1 lakh.
- 2) 700 thousand = 7 lakhs.
- 3) 4 hundred thousand = 4 lakhs.
- 4) 6 lakhs = 6 hundred thousands.

H) Fill in the blanks.

- 1) $14638 + 0 = \underline{14638}$
- 2) $1 + 83647 = \underline{83648}$
- 3) $9 + 32748 = 32748 + \underline{9}$
- 4) $28499 + \underline{1} = 28500$
- 5) $164732 + 730786 = 730786 + \underline{164732}$
- 6) $(83742 + 13286) + 3219 = (13286 + \underline{3219}) + 83742$
- 7) $437596 + \underline{0} = 437596$
- 8) $\underline{1} + 631489 = 631490$

I) Add horizontally and find the sum.

- 1) $62183 + 1471 = \underline{63654}$
- 2) $52831 + 12046 = \underline{64877}$
- 3) $38960 + 327 + 2118 = \underline{41405}$
- 4) $71863 + 100 + 4386 = \underline{76349}$

J) Add horizontally.

- 1) $513201 + 463765 = \underline{976966}$
- 2) $380176 + 17321 = \underline{397497}$
- 3) $283045 + 310924 = \underline{593969}$
- 4) $568110 + 310457 = \underline{878567}$

K) Write the numbers in columns and find the sum. Write the sum in words.

- 1) 1 2 2 4 7 5 and 4 7 5 2 0 4

	L	TTh	Th	H	T	O
	1	2	2	4	7	5
+	4	7	5	2	0	4
	5	9	7	6	7	9

Five lakhs ninety seven thousand
six hundred seventy nine

- 2) 3 1 8 6 1 9 and 6 0 3 3 0

	L	TTh	Th	H	T	O
	3	1	8	6	1	9
+		6	0	3	3	0
	3	7	8	9	4	9

Three lakhs seventy eight thousand
nine hundred forty nine

L) Add.

$$\begin{array}{r}
 \text{1) } \begin{array}{cccccc} \text{L} & \text{TTh} & \text{Th} & \text{H} & \text{T} & \text{O} \\ 4 & 1 & 0 & 8 & 5 & 2 \\ + & 2 & 8 & 6 & 0 & 3 & 7 \\ \hline 6 & 9 & 6 & 8 & 8 & 9 \end{array}
 \end{array}$$

$$\begin{array}{r}
 \text{2) } \begin{array}{cccccc} \text{L} & \text{TTh} & \text{Th} & \text{H} & \text{T} & \text{O} \\ 7 & 6 & 5 & 0 & 4 & 6 \\ + & 1 & 1 & 2 & 1 & 3 & 1 \\ + & 1 & 0 & 1 & 8 & 0 & 2 \\ \hline 9 & 7 & 8 & 9 & 7 & 9 \end{array}
 \end{array}$$

$$\begin{array}{r}
 \text{3) } \begin{array}{cccccc} \text{L} & \text{TTh} & \text{Th} & \text{H} & \text{T} & \text{O} \\ & & \textcircled{1} & \textcircled{1} & & \\ 4 & 5 & 8 & 6 & 9 & 0 \\ + & 4 & 3 & 0 & 7 & 6 & 2 \\ \hline 8 & 8 & 9 & 4 & 5 & 2 \end{array}
 \end{array}$$

$$\begin{array}{r}
 \text{4) } \begin{array}{cccccc} \text{L} & \text{TTh} & \text{Th} & \text{H} & \text{T} & \text{O} \\ & \textcircled{2} & \textcircled{1} & \textcircled{1} & \textcircled{1} & \\ 3 & 8 & 4 & 1 & 0 & 0 \\ + & 3 & 7 & 5 & 4 & 9 & 1 \\ + & & 4 & 3 & 8 & 6 & 7 \\ \hline 8 & 0 & 3 & 4 & 5 & 8 \end{array}
 \end{array}$$

M) Find the missing digits.

$$\begin{array}{r}
 \text{1) } \begin{array}{cccccc} \text{L} & \text{TTh} & \text{Th} & \text{H} & \text{T} & \text{O} \\ \boxed{3} & \boxed{0} & \boxed{8} & \boxed{2} & \boxed{8} & \boxed{4} \\ + & 3 & 7 & 0 & 5 & 1 & 2 \\ \hline 6 & 7 & 8 & 7 & 9 & 6 \end{array}
 \end{array}$$

$$\begin{array}{r}
 \text{2) } \begin{array}{cccccc} \text{L} & \text{TTh} & \text{Th} & \text{H} & \text{T} & \text{O} \\ \boxed{2} & 4 & \boxed{2} & 0 & \boxed{1} & 6 \\ + & 3 & 5 & 7 & \boxed{4} & 8 & 0 \\ \hline 5 & \boxed{9} & 9 & 4 & 9 & \boxed{6} \end{array}
 \end{array}$$

N) Solve the following word problems.

1) The population of New Zealand is 376045 and the population of Switzerland is 290647.

What is the total population of these two countries?

Solution-

$$\begin{array}{r}
 \text{Population of New Zealand} = \begin{array}{r} \textcircled{1} \textcircled{1} \\ 3 \ 7 \ 6 \ 0 \ 4 \ 5 \end{array} \\
 \text{Population of Switzerland} = + \ 2 \ 9 \ 0 \ 6 \ 4 \ 7 \\
 \hline
 \text{Total population} = 6 \ 6 \ 6 \ 6 \ 9 \ 2
 \end{array}$$

So, the total population of two countries is 6,66,692.

2) A factory produced 273940 toys in the 1st year, 26187 toys in the 2nd year and 410382 toys in the 3rd year. What is the total production of the factory in the three years?

Solution-

$$\begin{array}{r}
 \text{Toys produced in 1st year} = \begin{array}{r} \textcircled{1} \textcircled{1} \textcircled{2} \\ 2 \ 7 \ 3 \ 9 \ 4 \ 0 \end{array} \\
 \text{Toys produced in 2nd year} = \ 2 \ 6 \ 1 \ 8 \ 7 \\
 \text{Toys produced in 3rd year} = + \ 4 \ 1 \ 0 \ 3 \ 8 \ 2 \\
 \hline
 \text{Total toys produced} = 7 \ 1 \ 0 \ 5 \ 0 \ 9
 \end{array}$$

So, the total production of the factory in the three years is 7,10,509.

- 3) The Sunderban Tiger Sanctuary had 234096 visitors the first month and 134960 visitors the second. Calculate the total number of visitors.

Solution-

$$\begin{array}{rcl} \text{No. of visitors in 1}^{\text{st}} \text{ month} & = & \overset{\textcircled{1}\textcircled{1}}{2\ 3\ 4\ 0\ 9\ 6} \\ \text{No. of visitors in 2}^{\text{nd}} \text{ month} & = & +\ 1\ 3\ 4\ 9\ 6\ 0 \\ \text{Total visitors} & = & \underline{\hspace{1cm} 3\ 6\ 9\ 0\ 5\ 6 \hspace{1cm}} \end{array}$$

So, the total number of visitors were 3,69,056.

