

Exercises

Let's Recall

A) Fill in the blanks.

1) $14638 + 0 = \underline{14638}$

2) $1 + 83647 = \underline{83648}$

3) $9 + 32748 = 32748 + \underline{9}$

4) $28499 + \underline{1} = 28500$

B) Add horizontally and find the sum.

1) $62183 + 1471 = \underline{63654}$

2) $52831 + 12046 = \underline{64877}$

3) $38960 + 327 + 2118 = \underline{41405}$

4) $71863 + 100 + 4386 = \underline{76349}$

C) Solve.

1) Mr. Kapoor spent ₹ 34,759 in the month of February and ₹ 17,468 in the month of March. What is the total expenditure of Mr. Kapoor in two months? Write in your answer in a tabular format.

Solution-

Money spent in February	=	₹ 34,759
Money spent in March	= +	₹ 17,468
Total expenditure	=	₹ 52,227

Exercise 2.1

A) Add.

1)

	L	TTh	Th	H	T	O
	3	0	9	5	6	4
+	1	8	0	3	2	4
	4	8	9	8	8	8

2)

	L	TTh	Th	H	T	O
	1	3	4	0	0	3
+		4	3	6	1	3
+	5	1	0	2	7	1
	6	8	7	8	8	7

3)

	L	TTh	Th	H	T	O
	4	1	0	8	5	2
+	2	8	6	0	3	7
	6	9	6	8	8	9

4)

	L	TTh	Th	H	T	O
	7	6	5	0	4	6
+	1	1	2	1	3	1
+	1	0	1	8	0	2
	9	7	8	9	7	9

B) Add horizontally.

1) $513201 + 463765 = \underline{976966}$

2) $380176 + 17321 = \underline{397497}$

3) $283045 + 310924 = \underline{593969}$

4) $568110 + 310457 = \underline{878567}$

C) 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

3) 48662 , 30227 and 11010

	TTh	Th	H	T	O
	4	8	6	6	2
	3	0	2	2	7
+	1	1	0	1	0
	8	9	8	9	9

Eighty nine thousand eight
hundred ninety nine

4) 73541 , 201223 and 402132

	L	TTh	Th	H	T	O
		7	3	5	4	1
+	2	0	1	2	2	3
+	4	0	2	1	3	2
	6	7	6	8	9	6

Six lakh seventy-six thousand
eight hundred ninety six

Exercise 2.2

A) Add.

1)

	L	TTh	Th	H	T	O
			①	①		
	4	5	8	6	9	0
+	4	3	0	7	6	2
	8	8	9	4	5	2

2)

	L	TTh	Th	H	T	O
		②	①	①	①	
		3	8	4	1	0
+		3	7	5	4	9
+			4	3	8	6
		8	0	3	4	5

B) Solve the following. Write the total in words.

1) $183470 + 28169$

	L	TTh	Th	H	T	O
①	①		①			
	1	8	3	4	7	0
+		2	8	1	6	9
	2	1	1	6	3	9

Two lakhs eleven thousand six
hundred thirty nine

2) $241136 + 638740$

	L	TTh	Th	H	T	O
	2	4	1	1	3	6
+	6	3	8	7	4	0
	8	7	9	8	7	6

Eight lakhs seventy-nine thousand
eight hundred seventy six

3) $283763 + 469816 + 65932$

	L	TTh	Th	H	T	O
②	①	②	①	①		
	2	8	3	7	6	3
+	4	6	9	8	1	6
+		6	5	9	3	2
	8	1	9	5	1	1

Eight lakhs nineteen thousand five
hundred eleven

4) $633054 + 138214$

	L	TTh	Th	H	T	O
		①				
	6	3	3	0	5	4
+	1	3	8	2	1	4
	7	7	1	2	6	8

Seven lakhs seventy-one thousand
two hundred sixty eight

C) Write the correct number.

1) 7381 more than 563214

	①					
	5	6	3	2	1	4
+			7	3	8	1
	5	7	0	5	9	5

2) 93083 more than 73186

		①				
	7	3	1	8	6	
+	9	3	0	8	3	
	1	6	6	2	6	9

D) Read the sum and solve.

1) Three lakhs ninety-four thousand seven hundred twenty-two + five lakhs thirty-nine thousand four hundred ten

Solution-

Three lakhs ninety-four thousand
seven hundred twenty-two

Five lakhs thirty-nine thousand
four hundred ten

$$\begin{array}{r}
 \textcircled{1}\textcircled{1}\textcircled{1} \\
 3,94,722 \\
 + 5,39,410 \\
 \hline
 9,34,132
 \end{array}$$

The sum is nine lakhs thirty-four thousand one hundred thirty-two.

- 2) Eight lakhs sixty-three thousand five hundred fifty-nine + one lakh thirty-one thousand two hundred ninety-nine.

Solution-

$$\begin{array}{r}
 \text{Eight lakhs sixty-three thousand five hundred fifty-nine} = \begin{array}{r} \textcircled{1}\textcircled{1} \\ 8,63,559 \end{array} \\
 \text{One lakh thirty-one thousand two hundred ninety-nine} = + \begin{array}{r} 1,31,299 \\ \hline 9,94,858 \end{array}
 \end{array}$$

The sum is nine lakhs ninety-four thousand eight hundred fifty-eight.

Exercise 2.3

A) Find the missing digits.

1) <table border="1" style="width: 100%; text-align: center; border-collapse: collapse;"> <thead> <tr style="background-color: #e0e0ff;"> <th></th> <th>L</th> <th>TTh</th> <th>Th</th> <th>H</th> <th>T</th> <th>O</th> </tr> </thead> <tbody> <tr> <td></td> <td>3</td> <td>0</td> <td>8</td> <td>2</td> <td>8</td> <td>4</td> </tr> <tr> <td>+</td> <td>3</td> <td>7</td> <td>0</td> <td>5</td> <td>1</td> <td>2</td> </tr> <tr style="border-top: 1px solid black;"> <td></td> <td>6</td> <td>7</td> <td>8</td> <td>7</td> <td>9</td> <td>6</td> </tr> </tbody> </table>		L	TTh	Th	H	T	O		3	0	8	2	8	4	+	3	7	0	5	1	2		6	7	8	7	9	6	2) <table border="1" style="width: 100%; text-align: center; border-collapse: collapse;"> <thead> <tr style="background-color: #e0e0ff;"> <th></th> <th>L</th> <th>TTh</th> <th>Th</th> <th>H</th> <th>T</th> <th>O</th> </tr> </thead> <tbody> <tr> <td></td> <td>2</td> <td>4</td> <td>2</td> <td>0</td> <td>1</td> <td>6</td> </tr> <tr> <td>+</td> <td>3</td> <td>5</td> <td>7</td> <td>4</td> <td>8</td> <td>0</td> </tr> <tr style="border-top: 1px solid black;"> <td></td> <td>5</td> <td>9</td> <td>9</td> <td>4</td> <td>9</td> <td>6</td> </tr> </tbody> </table>		L	TTh	Th	H	T	O		2	4	2	0	1	6	+	3	5	7	4	8	0		5	9	9	4	9	6
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	5	9	9	4	9	6																																																			

B) Fill in the blanks.

- 1) $164732 + 730786 = 730786 + \underline{164732}$
- 2) $(83742 + 13286) + 3219 = (13286 + \underline{3219}) + 83742$
- 3) $437596 + \underline{0} = 437596$
- 4) $\underline{1} + 631489 = 631490$

Exercise 2.4

- 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-

$$\begin{array}{r}
 \text{Population of New Zealand} = \begin{array}{r} \textcircled{1} \textcircled{1} \\ 376045 \end{array} \\
 \text{Population of Switzerland} = + \begin{array}{r} 290647 \\ \hline 666692 \end{array} \\
 \text{Total population} = \underline{666692}
 \end{array}$$

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-

$$\begin{array}{r}
 \text{Toys produced in 1st year} = \begin{array}{r} \textcircled{1}\textcircled{1}\textcircled{2} \\ 273940 \end{array} \\
 \text{Toys produced in 2nd year} = \begin{array}{r} 26187 \\ \hline 410382 \end{array} \\
 \text{Toys produced in 3rd year} = + \begin{array}{r} 410382 \\ \hline 710509 \end{array} \\
 \text{Total toys produced} = \underline{710509}
 \end{array}$$

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

3) If a number 937408 is added to 326489, what is the sum of two numbers?

Solution-

$$\begin{array}{r} \text{Addend (1)} = \overset{\textcircled{1}}{9} \overset{\textcircled{1}}{3} 7 4 0 8 \\ \text{Addend (2)} = + 3 2 6 4 8 9 \\ \hline \text{Sum} = 1 2 6 3 8 9 7 \end{array}$$

So, the sum of two numbers is 12,63,897.

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

Solution-

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

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

5) If 139406 is added to a number, we get the sum 861704. What is the number?

Solution-

$$\begin{array}{r} \text{Sum} = \overset{5}{8} \overset{11}{\cancel{6}} \overset{6}{\cancel{1}} \overset{9}{\cancel{7}} \overset{14}{\cancel{0}} \overset{14}{\cancel{4}} \\ \text{Addend (1)} = - 1 3 9 4 0 6 \\ \hline \text{Addend (2)} = 7 2 2 2 9 8 \end{array}$$

So, the number 722298 must be added to 139406 to get 861704.