

Worksheet 1

EASY

1. Match the statements with their examples. Also fill the missing numbers in the examples.

Statements

- Adding 0 to a number gives the number itself.
- Subtracting 0 from a number gives the number itself.
- Addition and subtraction are inverses of each other.
- Subtracting a number from itself gives 0.
- Addition can be performed in any order.

Examples

- $24,394 - 24,394 = \underline{\hspace{2cm}}$
- If $25 - 10 = 15$, then $10 + 15 = \underline{\hspace{2cm}}$.
- $23,491 + 0 = \underline{\hspace{2cm}}$
- $20 + 15 = \underline{\hspace{2cm}}$ and $15 + 20 = \underline{\hspace{2cm}}$
- $3,41,283 - 0 = \underline{\hspace{2cm}}$

2. Perform the given subtractions and verify the answers using related additions.

<p>i.</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <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>6</td> <td>1</td> <td>0</td> <td>5</td> </tr> <tr> <td style="text-align: right;">-</td> <td>1</td> <td>6</td> <td>6</td> <td>1</td> <td>5</td> <td>9</td> </tr> <tr> <td colspan="7" style="border-top: 1px solid black;"></td> </tr> </tbody> </table>		L	TTh	Th	H	T	O		2	4	6	1	0	5	-	1	6	6	1	5	9								<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <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>1</td> <td>6</td> <td>6</td> <td>1</td> <td>5</td> <td>9</td> </tr> <tr> <td style="text-align: right;">+</td> <td colspan="6" style="border-top: 1px solid black;"></td> </tr> </tbody> </table>		L	TTh	Th	H	T	O		1	6	6	1	5	9	+						
	L	TTh	Th	H	T	O																																												
	2	4	6	1	0	5																																												
-	1	6	6	1	5	9																																												
	L	TTh	Th	H	T	O																																												
	1	6	6	1	5	9																																												
+																																																		

<p>ii.</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>TL</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>8</td> <td>4</td> <td>1</td> <td>3</td> <td>0</td> <td>3</td> <td>2</td> </tr> <tr> <td style="text-align: right;">-</td> <td>1</td> <td>2</td> <td>9</td> <td>1</td> <td>7</td> <td>5</td> <td>4</td> </tr> <tr> <td colspan="8" style="border-top: 1px solid black;"></td> </tr> </tbody> </table>		TL	L	TTh	Th	H	T	O		8	4	1	3	0	3	2	-	1	2	9	1	7	5	4									<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>TL</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>1</td> <td>2</td> <td>9</td> <td>1</td> <td>7</td> <td>5</td> <td>4</td> </tr> <tr> <td style="text-align: right;">+</td> <td colspan="7" style="border-top: 1px solid black;"></td> </tr> </tbody> </table>		TL	L	TTh	Th	H	T	O		1	2	9	1	7	5	4	+							
	TL	L	TTh	Th	H	T	O																																																		
	8	4	1	3	0	3	2																																																		
-	1	2	9	1	7	5	4																																																		
	TL	L	TTh	Th	H	T	O																																																		
	1	2	9	1	7	5	4																																																		
+																																																									

3. Perform the given additions and verify the answers using related subtractions.

<p>i.</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <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>2</td> <td>6</td> <td>4</td> <td>8</td> <td>5</td> </tr> <tr> <td style="text-align: right;">+</td> <td>1</td> <td>0</td> <td>3</td> <td>1</td> <td>5</td> <td>3</td> </tr> <tr> <td colspan="7" style="border-top: 1px solid black;"></td> </tr> </tbody> </table>		L	TTh	Th	H	T	O		3	2	6	4	8	5	+	1	0	3	1	5	3								<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <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>1</td> <td>0</td> <td>3</td> <td>1</td> <td>5</td> <td>3</td> </tr> <tr> <td style="text-align: right;">-</td> <td colspan="6" style="border-top: 1px solid black;"></td> </tr> </tbody> </table>		L	TTh	Th	H	T	O		1	0	3	1	5	3	-						
	L	TTh	Th	H	T	O																																												
	3	2	6	4	8	5																																												
+	1	0	3	1	5	3																																												
	L	TTh	Th	H	T	O																																												
	1	0	3	1	5	3																																												
-																																																		

<p>ii.</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>TL</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>4</td> <td>6</td> <td>2</td> <td>0</td> <td>5</td> <td>1</td> </tr> <tr> <td style="text-align: right;">+</td> <td></td> <td>1</td> <td>1</td> <td>6</td> <td>9</td> <td>1</td> <td>5</td> </tr> <tr> <td colspan="8" style="border-top: 1px solid black;"></td> </tr> </tbody> </table>		TL	L	TTh	Th	H	T	O		3	4	6	2	0	5	1	+		1	1	6	9	1	5									<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>TL</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>4</td> <td>6</td> <td>2</td> <td>0</td> <td>5</td> <td>1</td> </tr> <tr> <td style="text-align: right;">-</td> <td colspan="7" style="border-top: 1px solid black;"></td> </tr> </tbody> </table>		TL	L	TTh	Th	H	T	O		3	4	6	2	0	5	1	-							
	TL	L	TTh	Th	H	T	O																																																		
	3	4	6	2	0	5	1																																																		
+		1	1	6	9	1	5																																																		
	TL	L	TTh	Th	H	T	O																																																		
	3	4	6	2	0	5	1																																																		
-																																																									

<p>iii.</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <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>4</td> <td>2</td> <td>0</td> <td>6</td> <td>8</td> <td>2</td> </tr> <tr> <td style="text-align: right;">+</td> <td>1</td> <td>3</td> <td>4</td> <td>9</td> <td>1</td> <td>5</td> </tr> <tr> <td colspan="7" style="border-top: 1px solid black;"></td> </tr> </tbody> </table>		L	TTh	Th	H	T	O		4	2	0	6	8	2	+	1	3	4	9	1	5								<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <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>1</td> <td>3</td> <td>4</td> <td>9</td> <td>1</td> <td>5</td> </tr> <tr> <td style="text-align: right;">-</td> <td colspan="6" style="border-top: 1px solid black;"></td> </tr> </tbody> </table>		L	TTh	Th	H	T	O		1	3	4	9	1	5	-						
	L	TTh	Th	H	T	O																																												
	4	2	0	6	8	2																																												
+	1	3	4	9	1	5																																												
	L	TTh	Th	H	T	O																																												
	1	3	4	9	1	5																																												
-																																																		

Name of the student: _____

Class: _____

Worksheet 2



1. Fill in the blanks.

- 1 more than the greatest 3-digit number is _____.
- 1 less than the smallest 4-digit number is _____.
- 54 is more than 36 by _____.
- 21 is less than 32 by _____.
- Difference between 50 and 30 is _____.

2. Replace * with the correct digits.

i.

	HM	TM	M	HTh	TTh	Th	H	T	O
	9	5	*	7	6	5	9	*	6
-	7	*	6	*	1	3	*	1	*
	2	3	2	0	*	*	5	1	4

ii.

	C	TL	L	TTh	Th	H	T	O
	3	7	2	*	7	2	*	3
-	2	*	5	0	4	7	3	5
	*	2	7	9	*	*	2	*

iii.

	C	TL	L	TTh	Th	H	T	O
	2	1	4	6	9	*	8	0
-		2	*	6	5	1	6	*
	*	9	0	*	*	3	*	6

3. Choose the correct option.

- How much should be added to 2,34,51,210 to get 54,23,25,567?
 - 51,88,74,357
 - 51,88,74,457
 - 51,88,64,457
 - 51,88,64,357
- What must be subtracted from 67,23,15,780 to get 21,67,43,890?
 - 45,55,71,990
 - 45,55,71,790
 - 45,55,72,890
 - 45,55,71,890

4. Solve the following word problems.

- A shopkeeper sold 34,50,555 milk bottles and 43,98,000 water bottles in a year. What is the total number of bottles sold?
- A total of 12,56,78,291 students applied for an exam. If only 11,43,78,469 students appeared for the exam, then how many students did not appear for the exam?
- A company earns a profit of ₹92,23,12,121 in the month of January. In the next month, it incurs a loss of ₹23,12,333. In the month of March, the company again makes a profit of ₹89,23,88,432. What is the company's total profit in these three months?

Name of the student: _____

Class: _____

Worksheet 3


 ADVANCED

1. India is the second largest food producer in the world. The quantity of six different food items produced in India in a year is given below.

Food	Amount (in tons) 1 ton = 1000 kg
Pulses	26,960,000
Rice	129,660,000
Wheat	106,410,000
Sugarcane	405,000,000
Vegetables	200,450,000
Fruits	102,480,000

Answer the following questions according to the information provided.

- Which food item is produced in the largest quantity?
 - Which food item is produced in the least quantity?
 - What is the difference in quantities of vegetables and fruits?
 - How much more quantity of rice is produced than wheat?
 - By how much is the quantity of sugarcane more than the quantity of pulses?
2. Neha invited 105 people for a family function and bought 120 sandwiches and 120 juice cans for her guests. 10 people didn't turn up for the function. Out of the people present, 18 people had two sandwiches with one juice can each, 5 people didn't eat sandwiches but had two juice cans each and the remaining people had one sandwich with one juice can each. Then
- Number of people present =
 - Number of sandwiches eaten =
 - Number of juice cans consumed =
 - Number of remaining sandwiches =
 - Number of remaining juice cans =

Name of the student: _____

Class: _____