

Alternate academic calendar 2021-2022

Class: 5th

Month: August 2021

Sub: Mathematics

Sl. no	Month/ week	learning objectives	Learning activities	Evaluation										
1)	August-21 1 st week	Read and write the 5 digits number. Mark 5 digits numbers in place value table.	<ul style="list-style-type: none">Let us develop the concept of units, tens and hundreds place by using flash cards for children.Let us tell the children to identify 5 digits number and to identify the place value after thousands place.(Develop the concept of ten thousands place)Let us inform to write 5 digits number in place value table. <p>Example:- 95648 →</p> <table border="1"><thead><tr><th>Ten thousands</th><th>Thousand</th><th>Hundred</th><th>Tens</th><th>Units</th></tr></thead><tbody><tr><td>9</td><td>5</td><td>6</td><td>4</td><td>8</td></tr></tbody></table>	Ten thousands	Thousand	Hundred	Tens	Units	9	5	6	4	8	Work sheet-01 Practice revision problems in the exercise. Write numbers which are in the revision exercise and write most bigger and most smaller number. Work sheet-02
Ten thousands	Thousand	Hundred	Tens	Units										
9	5	6	4	8										

			<p>Write these numbers in place value table: 75480, 97643, 84763, 58342, 7960</p> <ul style="list-style-type: none"> ● Make them write the numbers in words by putting comma. 84675 = 84,675 Eighty four thousand six hundred seventy five. 	<p>Work sheet-03</p> <p>In exercise 1.1 tell them to solve 1st box.</p> <p>Work sheet-04</p>																			
02	2 nd week.	<p>Expand and write 5 digits numbers.</p> <p>Write 5 digits number in ascending and descending order.</p> <p>To write the 5 digits number in series and fill the</p>	<p>➤ 5 – Make them to expand and write 5 digits number.</p> <p>Example: 53,025</p> <table border="1" data-bbox="610 976 1177 1365"> <thead> <tr> <th>Ten thousands</th> <th>Thousand</th> <th>Hundreds</th> <th>Tens</th> <th>Units</th> </tr> </thead> <tbody> <tr> <td>50000</td> <td>3000</td> <td>0</td> <td>20</td> <td>5</td> </tr> <tr> <td>5</td> <td>3</td> <td>0</td> <td>2</td> <td>5</td> </tr> </tbody> </table> <p>Same as above number, expand the following numbers. 78640, 95376, 29468, 75946</p> <p>Make the children to write the numbers in ascending and descending order.</p> <p>Example:-</p> <table data-bbox="610 1795 1190 1869"> <tr> <td>59320</td> <td>43789</td> <td>68932</td> <td>28781</td> </tr> </table>	Ten thousands	Thousand	Hundreds	Tens	Units	50000	3000	0	20	5	5	3	0	2	5	59320	43789	68932	28781	<p>In exercise 1.1, tell them to solve III box.</p> <p>Work sheet-05</p> <p>In exercise 1.1, solve the problems of VIII and IX</p> <p>Work sheet-06 and 07</p>
Ten thousands	Thousand	Hundreds	Tens	Units																			
50000	3000	0	20	5																			
5	3	0	2	5																			
59320	43789	68932	28781																				

		gap with numbers in that series.	<p>Ascending order:- 28781, 43789, 59320, 68932</p> <p>Descending order:- 68932, 59320, 43789, 28781</p> <p>Try out this children:</p> <p>A frog jumps 11 steps from bank to river. The number 51,650 is on the 1st step and the number 51,700 is on the 2nd step. Hence complete the series by writing numbers when a frog jumps next nine steps.</p>	In exercise 1.1, solve the problems of VII main.																
03	3rd week	<p>Unit – 2 Addition</p> <p>Addition of 5 digits numbers without carryover.</p> <p>Addition of 5 digits number</p>	<p>➤ Let us add 4 digits number without carryover.</p> <p>Example:-</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="writing-mode: vertical-rl; transform: rotate(180deg);">Thousands</th> <th style="writing-mode: vertical-rl; transform: rotate(180deg);">Hundreds</th> <th style="writing-mode: vertical-rl; transform: rotate(180deg);">Tens</th> <th style="writing-mode: vertical-rl; transform: rotate(180deg);">Units</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">5</td> <td style="text-align: center;">4</td> <td style="text-align: center;">6</td> <td style="text-align: center;">3</td> </tr> <tr> <td style="text-align: center;">+ 2</td> <td style="text-align: center;">2</td> <td style="text-align: center;">0</td> <td style="text-align: center;">2</td> </tr> <tr> <td style="text-align: center;">7</td> <td style="text-align: center;">6</td> <td style="text-align: center;">6</td> <td style="text-align: center;">5</td> </tr> </tbody> </table> <p>➤ 5–digits numbers are given for the addition without carryover.</p> <p>Let us give the students to solve the 5 digits numbers for the addition with carryover.</p> <p>Example:- 93,452+88,693</p>	Thousands	Hundreds	Tens	Units	5	4	6	3	+ 2	2	0	2	7	6	6	5	<p>Practice revision problems in the exercise.</p> <p>In exercise 2.1 solve the problems of I main.</p> <p>Work sheet-08</p> <p>In exercise 2.1 solve the problems of II main.</p>
Thousands	Hundreds	Tens	Units																	
5	4	6	3																	
+ 2	2	0	2																	
7	6	6	5																	

		<p>with carryover.</p> <p>Solve the problems of addition with 5 digits numbers.</p>	<table border="1" data-bbox="613 132 1182 730"> <thead> <tr> <th></th> <th>Ten thousands</th> <th>Thousands</th> <th>Hundreds</th> <th>Tens</th> <th>Units</th> </tr> </thead> <tbody> <tr> <td>Carryover</td> <td>1</td> <td>1</td> <td>1</td> <td></td> <td></td> </tr> <tr> <td></td> <td>9</td> <td>3</td> <td>4</td> <td>5</td> <td>2</td> </tr> <tr> <td>+</td> <td>8</td> <td>8</td> <td>6</td> <td>9</td> <td>3</td> </tr> <tr> <td>1</td> <td>8</td> <td>2</td> <td>1</td> <td>4</td> <td>5</td> </tr> </tbody> </table> <p>Help the children to solve the statement addition problems in work book.</p> <p>Example:-There are 26,759 saplings in a reserved forest. 13,842 saplings are planted at the time of afforestation. Hence find out the total number of saplings in that forest.</p> <p>Number of saplings in forest= 26,759 Number of saplings planted at the time of afforestation= +13,842 Total number of saplings in forest = <u>40,601</u></p>		Ten thousands	Thousands	Hundreds	Tens	Units	Carryover	1	1	1				9	3	4	5	2	+	8	8	6	9	3	1	8	2	1	4	5	<p>Work sheet-09</p> <p>In exercise 2.1 solve III main problems.</p>
	Ten thousands	Thousands	Hundreds	Tens	Units																													
Carryover	1	1	1																															
	9	3	4	5	2																													
+	8	8	6	9	3																													
1	8	2	1	4	5																													
04	4 th week	<p>Unit – 3</p> <p>Subtraction</p> <p>Using 5 digits</p>	<p>Let us inform the children to do the subtraction by borrowing of number.</p> <p>Example:- 4,859-2,345=2,514</p> <p>By giving 5-digit numbers to the children, let us help to do the subtraction without borrowing the number.</p>	<p>Practice the revision problems.</p> <p>In exercise 3.1, solve the</p>																														

number,
subtract the
problems
without
borrowing a
number.

Example:-54,927 – 33,415 = 21,512

T.T	Th	H	T	U
5	4	9	2	7
- 3	3	4	1	5
2	1	5	1	2

Let us instruct the children to
subtract the 5 digit numbers with
borrowing of a number.

Example:- 78,564 – 59,675

	Ten thousands	Thousands	Hundreds	Tens	Units
After the carry over	6	17	14	15	14
	7	8	5	6	4
-	5	9	6	7	5
	1	8	8	8	9

Let us guide the students to solve
the statement problems of
subtraction.

Using 5
digits
number,
solve the
problems of
subtraction
by
borrowing
of number.

Solve the
problems of
subtraction
with 5-

problems I
main.

Work sheet-10

Work sheet-11
Solve the
problems of
exercise 3.1,
IV main and in
exercise3.2, II
main.

digitsnumb
ers.

Example:-A farmer got 38,462 coconuts from the farm in the previous year. He got 47,285 coconuts in this year. How many more coconuts he got compared to previous year?

Number of coconuts a farmer got in this year = 47,285

Number of coconuts a farmer got in the previous year = 38,462

Number of coconuts a farmer got more

$$= 47,285 - 38,462$$

$$= 8,823$$

Mark the positions of the given numbers:-

Model:-

25638

Unit place= 8, tens= 3, hundred=6, thousand=5, ten thousand=2

1) = **59648**

2) = **29509**

3) = **64305**

4) = **50676**

5) = **74632**

6) = **51035**

7) = **64346**

8) = **98352**

9) = **86789**

Identify the ten thousand place in the following numbers:

Model:

74,653

 = 7

a) 94,637 = _____

b) 78590 = _____

c) 35,204 = _____

d) 63,851 = _____

e) 09487 = _____

f) 95371 = _____

g) 47693 = _____

h) 88465 = _____

i) 35644 = _____

j) 74653 = _____

Write the following numbers in the place value table :-

Model :- 74,436=

Ten thousand	Thousands	Hundreds	Tens	Units
7	4	4	3	6

a) 59,637

b) 85,476

c) 94,830

d) 18,246

e) 98,765

f) 78,653

Put comma for the following numbers and write in words:-

Model:- 95246 = 95,246= Ninety five thousand two hundred forty six.

a) 68476 = _____

b) 74260 = _____

c) 95324 = _____

d) 70293 = _____

e) 86921 = _____

f) 40204 = _____

g) 35603 = _____

Expand the following numbers:-

Model :- $48,263 = \underline{4 \times 10,000 + 8 \times 1,000 + 2 \times 100 + 6 \times 10 + 3 \times 1}$

$= \underline{40,000 + 8,000 + 200 + 60 + 3}$

1) $94,265 =$ _____

2) $38,472 =$ _____

3) $76,203 =$ _____

4) $85,804 =$ _____

5) $99,603 =$ _____

6) $72,806 =$ _____

7) $50,420 =$ _____

8) $56,789 =$ _____

9) $12,345 =$ _____

Write the following numbers in ascending order:-

Model :- 846, 29543, 9020, 8015

Ascending order :- 846, 8015, 9020, 29543

1) 42840, 48240, 44820, 24480

Ascending order:-_____

2) 5009, 5010, 5008, 5011

Ascending order:-_____

3) 9010, 9001, 9100, 0910

Ascending order:-_____

4) 62753, 84686, 35472, 44760

Ascending order:-_____

5) 06453, 30456, 64530, 54630

Ascending order:-_____

6) 98540, 76548, 54231, 99999

Ascending order:-_____

7) 6453, 654, 43, 23456

Ascending order:-_____

Write the following numbers in descending order: -

Model:- 38400, 38100, 38200, 38600

Descending order:-38600, 38400, 38200, 38100

1) 59640, 40695, 64950, 59204

Descending order:-_____

2) 75461, 16457, 45617, 71456,

Descending order:-_____

3) 84340, 43480, 34480, 48430

Descending order:-_____

4) 97653, 84635, 73456, 10470

Descending order:-_____

5) 40410, 56347, 35812, 34763

Descending order:-_____

6) 48400, 48200, 48600, 48100

Descending order:-_____

Add the numbers :-Model sum

1) $24,360 + 53,520$

2) $86301 + 11255$

Ten thousand	Thousand	Hundred	Tens	Units
2	4	3	6	0
+5	3	5	2	0
7	7	8	8	0
Ten thousand	Thousand	Hundred	Tens	Units

3) $29,345 + 50233$

Ten thousand	Thousand	Hundred	Tens	Units

4) $43544 + 25233$

Ten thousand	Thousand	Hundred	Tens	Units

5) $74365 + 21311$

Ten thousand	Thousand	Hundred	Tens	Units

6) $20367 + 34212$

Ten thousand	Thousand	Hundred	Tens	Units

7) $56145 + 23832$





Ten thousand	Thousand	Hundred	Tens	Units

8) $72325 + 17323$





Ten thousand	Thousand	Hundred	Tens	Units

Add the numbers:-





Model :-54,632 + 89,467

	Ten thousand	Thousand	Hundred	Tens	Units
Carry over					
	5	4	6	3	2
+	3	9	4	6	7
	9	4	0	9	9





1) 29263+50233

	Ten thousand	Thousand	Hundred	Tens	Units
Carry over					
+					

2) 76425 + 11256

	Ten thousand	Thousand	Hundred	Tens	Units
Carry over					
+					

3) 27232 + 39809

	Ten thousand	Thousand	Hundred	Tens	Units
Carry over					
+					

Class:- 5thwork sheet- 10Month:- August

Subtract the following numbers :-

Model :-1) 54601 - 22201

2) 86240 - 24120

Ten thousand	Thousand	Hundred	Tens	Units
5	4	6	0	1
- 2	2	2	0	1
3	2	4	0	0
Ten thousand	Thousand	Hundred	Tens	Units

3)95230 - 24120

4)54693 - 32352

Ten thousand	Thousand	Hundred	Tens	Units
Ten thousand	Thousand	Hundred	Tens	Units

5) $48653 - 25142$

6) $34567 - 23252$

Ten thousand	Thousand	Hundred	Tens	Units
Ten thousand	Thousand	Hundred	Tens	Units

7) $56745 - 25523$

8) $98765 - 55555$

Ten thousand	Thousand	Hundred	Tens	Units
Ten thousand	Thousand	Hundred	Tens	Units

Subtract the following numbers :-

Model :- 1) 24630 - 15371

	Ten thousand	Thousand	Hundred	Tens	Units
After t carry over	1	14	5	12	10
	2	4	6	3	0
-	1	5	3	7	1
	0	9	2	5	9

2) 94632-78765

	Ten thousand	Thousand	Hundred	Tens	Units
After carry over					
-					

3)85264-37968

	Ten thousand	Thousand	Hundred	Tens	Units
After carry over					
-					

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