



BAL BHARATI PUBLIC SCHOOL, PITAMPURA

MATHEMATICS

DATE: 9.12.20

Greetings

Dear Students,

Hope that your online learning process fills you with energy and enthusiasm.

Here is your daily PDF lesson for today.

Subject Covered: MATHS

Topic: Addition with Regrouping

Subtopics: - Addition of 2 - digit numbers with regrouping
- Addition of 3 - digit numbers with regrouping

Learning Outcomes:

- Each child will be able to use a variety of strategies to add 2 – digits and 3-digit numbers with regrouping.
- Each child will be able to solve the addition sums with regrouping.

Instructional Aids: Connected Classroom Module, YouTube Videos, Play Money, E-Learning Lessons PDF, Base Ten Blocks and Online classes

Lesson development:

Task 1 – Addition of 2 -digit numbers with regrouping

Where to do - Maths textbook cum workbook- Page no. 78 &79

When—in the **online class**

Task 2 – Addition of 3 - digit numbers with regrouping

Where to do - Maths textbook cum workbook- Page no. 80, 81 & 82

When—in the **online class**

Task 3 – Practice of Addition of 2 -digit & 3 - digit numbers with regrouping.

Where to do – Maths notebook

When—in the **online class**

😊 **NOTE:**

1. Keep revisiting the previous modules and concepts along with the new one.

Let's Understand

Let me add 46 and 45 with play money.



$$46 = \text{four 10s and six 1s}$$

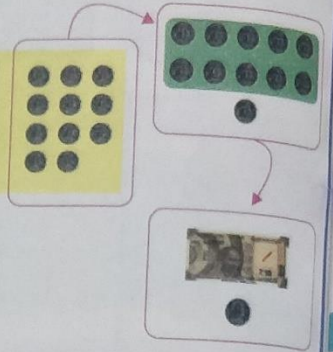
$$45 = \text{four 10s and five 1s}$$

$$\text{So } 46 + 45 =$$

$$\text{fourteen 10s and eleven 1s}$$

$$= 9 \text{ 10s} + 1 \text{ 1}$$

$$= 91$$



Let's Practise

a

H	T	O
	5	9
+	4	2

b

H	T	O
	3	3
+	4	7

c

H	T	O
	2	7
+	6	8

d

H	T	O
	4	5
+	7	2

e

H	T	O
	4	7
+	3	8

f

H	T	O
	6	6
+	9	5

g

H	T	O
	2	9
+	9	8

h

H	T	O
	4	3
+	6	8



Let me add $29 + 67$

H	T	O
	2	9
+	6	7
	8	16

It doesn't look right to me I wonder what is wrong!!!



For the Teacher

The teacher will talk about the error made while doing the sum and ask the students to do the sum again. She can also discuss other common errors made by the students while doing addition sums.

Addition of 2-Digit Numbers using a Number grid

Let's Understand

Add $13 + 12$

Step 1 12 can be written as $10 + 2$.

Step 2 Place your pencil at 13.

Step 3 Now move one step down to add 10.

We get 23.

Step 4 Add 2 to 23 by moving 2 steps to the right to get 25.

So we get $23 + 2 = 25$

	1	2	3	4	5	6	7	8	9	10
0	11	12	13	14	15	16	17	18	19	20
5	21	22	23	24	25	26	27	28	29	30
2	31	32	33	34	35	36	37	38	39	40
	41	42	43	44	45	46	47	48	49	50
0	51	52	53	54	55	56	57	58	59	60
3	61	62	63	64	65	66	67	68	69	70
8	71	72	73	74	75	76	77	78	79	80
	81	82	83	84	85	86	87	88	89	90
	91	92	93	94	95	96	97	98	99	100

Oh! So we move two steps down to add 20, 3 steps down to add 30 and so on.



Let's Practise

Using the number grid, find the answers for the following :

a $42 + 27 =$

b $55 + 12 =$

c $46 + 22 =$

d $53 + 13 =$

e $31 + 37 =$

f $35 + 25 =$

g $76 + 16 =$

h $44 + 36 =$

i $58 + 11 =$

Addition of 3 digit numbers with Regrouping

	H	T	O
	2	6	8
+	5	8	4
			12

Step 1

Add the digits at **Ones** place.
 $8 + 4 = 12$.
 Regroup **Ones** place, 12 ones =
1 tens + 2 ones.

	H	T	O
		+1	
	2	6	8
+	5	8	4
		15	2

Step 2

Add the digits at **Tens** place.
 $1 + 6 + 8 = 15$.

	H	T	O
	+1		
	2	6	8
+	5	8	4
	8	5	2

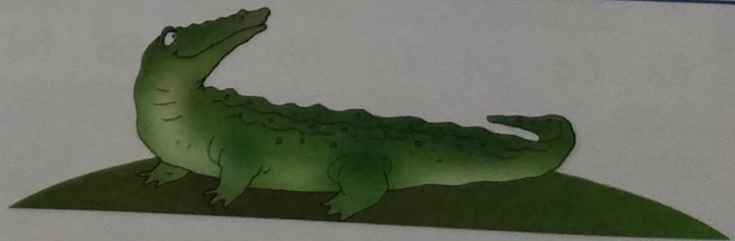
Step 3

Regroup **Tens** place,
 15 tens =
1 hundred + 5 tens.

	H	T	O
	+1		
	2	6	8
+	5	8	4
	8	5	2

Step 4

Add the digits at **Hundreds** place.
 $1 + 2 + 5 = 8$.



Let's Practise

Add the following:

	H	T	O
	3	8	2
+	1	2	9

	H	T	O
	3	6	8
+	1	4	3

	H	T	O
	6	9	1
+	2	0	9

Let's Practise

Add the following:



	H	T	O
	2	8	4
+	7	0	6

	H	T	O
	8	8	4
+	4	2	9

	H	T	O
	6	1	6
+	4	7	9

	H	T	O
	3	3	7
+	2	8	5

	H	T	O
	3	8	8
+	1	6	○
	○	5	7

	H	T	O
	6	9	4
+	2	9	7

	H	T	O
	5	5	4
+	7	○	7
	○	6	1



	H	T	O
	4	4	○
+	2	○	8
	7	0	6

Let's Practise

Arrange the following in columns and find the sum.

a $382 + 109$

b $884 + 429$

c $634 + 276$

d $327 + 495$

e $525 + 136$

f $437 + 24$

g $367 + 4$

h $182 + 242$

a

	H	T	O
	3	8	2
+	1	0	9
	4	9	1

Can you guess what is wrong in the sum given below?



	T	O
	2	7
+	9	
	1	1 7

Your turn

