



CLICK HERE TO ACTIVATE

LESSON
PART 3



2

+ - x ÷ + - x ÷ + - x ÷ + - x ÷



ADDITION

READY ... STEADY

Add by drawing lines.

$$\begin{array}{r} 9 \\ + 3 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 6 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ + 4 \\ \hline \end{array}$$

Add the following.

	T	O
	3	2
+	2	4

	T	O
	3	1
+	3	7

	T	O
	6	2
+	1	3

	T	O
	2	6
+	3	2

	T	O
	8	1
+	1	2

	T	O
	2	5
+	3	9

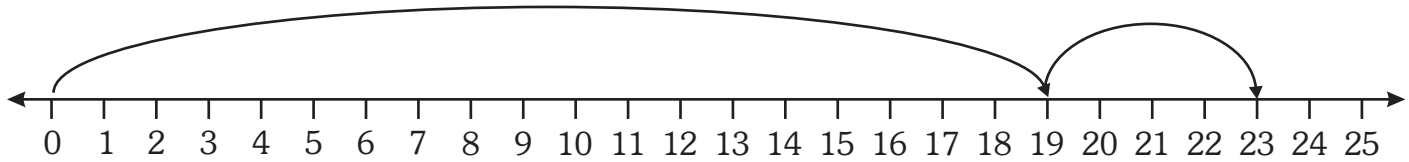
	T	O
	6	2
+	1	9

	T	O
	4	8
+	4	5

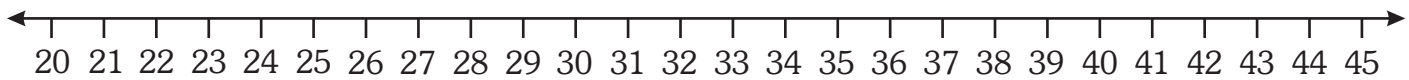
	T	O
	3	6
+	2	5

ADDITION ON THE NUMBER LINE

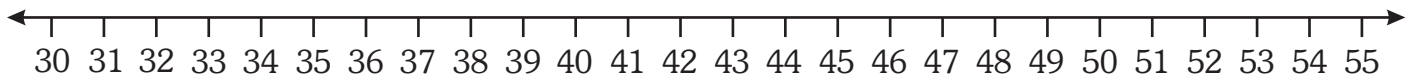
Add on the number line. One has been done for you.



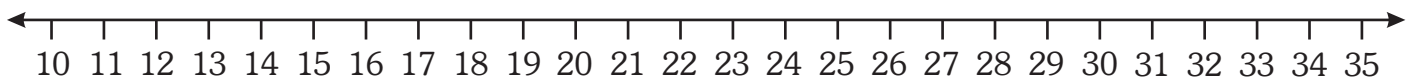
$$19 + 4 = \boxed{23}$$



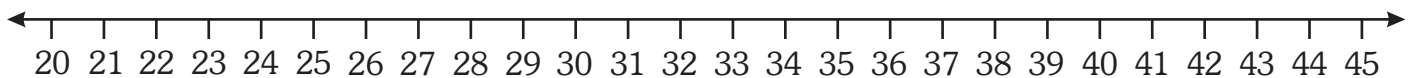
$$27 + 8 = \boxed{}$$



$$36 + 12 = \boxed{}$$



$$12 + 14 = \boxed{}$$



$$22 + 9 = \boxed{}$$

21



MATHS LAB

Objective : To develop the skill of addition

Materials Required : Task sheet (example given below)

Preparation : The teacher will prepare one task sheet for each student.

Steps :

1. Divide the class into groups of 6.
2. Distribute a task sheet to each student.
3. Call out any number and ask the students to mark those grids that total to the number called.
4. The students in the group can help each other to complete the task the quickest.
5. It's a star for the star performing group !

For example if the teacher calls out the number 25, the student will have to mark all those cells containing the total 25.

$12 + 13$	$5 + 12$	$1 + 13$	$2 + 1$	$1 + 25$
$6 + 15$	$3 + 14$	$19 + 6$	$4 + 16$	$8 + 17$
$4 + 3$	$11 + 14$	$2 + 18$	$23 + 2$	$3 + 25$
$7 + 18$	$11 + 5$	$5 + 17$	$6 + 15$	$1 + 23$
$7 + 4$	$10 + 7$	$2 + 8$	$9 + 16$	$2 + 22$
$8 + 16$	$21 + 4$	$9 + 23$	$14 + 24$	$21 + 27$
$9 + 6$	$19 + 5$	$10 + 15$	$7 + 20$	$1 + 26$
$17 + 20$	$18 + 6$	$10 + 20$	$13 + 22$	$1 + 24$
$20 + 5$	$21 + 22$	$19 + 11$	$8 + 12$	$9 + 7$

ADDITION FACTS

When we add 0 to a number, the sum is the number itself.

$31 + 0 = 31$

$291 + 0 = 291$

$526 + 0 = 526$

By adding 1 to a number, we get the next number (that is called successor).

$26 + 1 = 27$

$256 + 1 = 257$

$389 + 1 = 390$

Two numbers can be added in any order, the sum remains the same.

$6 + 4 = 10$

$4 + 6 = 10$

$11 + 12 = 23$

$12 + 11 = 23$

Add the following by using the addition facts.

$46 + 0 = \square$

$39 + 0 = \square$

$861 + 0 = \square$

$727 + 0 = \square$

$496 + 1 = \square$

$623 + 1 = \square$

$841 + 1 = \square$

$522 + 1 = \square$

$11 + 14 = \square$

$14 + 11 = \square$

$16 + 23 = \square$

$23 + 16 = \square$

$42 + 34 = \square$

$34 + 42 = \square$

$26 + 53 = \square$

$53 + 26 = \square$

ADDITION OF 3-DIGIT NUMBERS (Without Carrying)

Example : Add 321 and 435.

Step 1 : Add the ones.

Step 2 : Add the tens.

Step 3 : Add the hundreds.

	H	T	O
	3	2	1
+	4	3	5
	7	5	6

Add the following.

	H	T	O
	1	3	6
+	4	5	2

	H	T	O
	5	4	6
+	4	3	2

	H	T	O
	5	5	2
+	3	4	7

	H	T	O
	2	7	5
+	4	1	0

	H	T	O
	2	8	9
+	5	0	0

	H	T	O
	4	1	3
+	4	3	3

	H	T	O
	3	6	8
+	1	2	0

	H	T	O
	3	3	2
+	1	6	4

	H	T	O
	2	9	2
+	1	0	2

	H	T	O
	7	7	6
+	1	1	2

	H	T	O
	6	8	7
+	1	0	1

	H	T	O
	1	9	8
+	6	0	1

REGROUPING

Regrouping numbers is to rearrange numbers in hundreds, tens and ones, in such a manner so that addition and subtraction become easier.

For example 37,

It can be written as 37 ones = 2 tens and 17 ones

In the same way, 54 tens,

5 hundreds and 4 tens = 4 hundreds and 14 tens

Regroup as tens and ones.

24 ones = _____

15 ones = _____

83 ones = _____

69 ones = _____

36 ones = _____

Regroup as hundreds and tens.

58 tens = _____

47 tens = _____

23 tens = _____

71 tens = _____

89 tens = _____

ADDITION WITH REGROUPING (With carrying)

Example : Add 338 and 217.

Step 1 : Add the ones and regroup.

$$8 \text{ ones} + 7 \text{ ones} = 15 \text{ ones}$$

Step 2 : Write 5 in ones and carry 1 ten.

Step 3 : Add the tens.

$$3 + 1 + 1 \text{ (carried)} = 5 \text{ tens}$$

Write 5 in tens.

Step 4 : Add the hundreds.

$$3 \text{ hundreds} + 2 \text{ hundreds} = 5 \text{ hundreds}$$

Write 5 in hundreds.

	H	T	O
	3	3	8
+	2	1	7
	5	5	5

Add the following.

	H	T	O
	1	2	1
+	4	9	7

	H	T	O
	3	0	2
+	2	8	9

	H	T	O
	3	8	1
+	3	6	0

	H	T	O
	7	7	6
+	2	1	5

	H	T	O
	5	6	3
+	3	4	5

	H	T	O
	4	9	0
+	4	9	5

	H	T	O
	1	8	2
+	5	9	7

	H	T	O
	6	3	5
+	1	4	6

	H	T	O
	6	5	6
+	2	8	4

Add the following.

	H	T	O
	1	8	0
+	3	8	9

	H	T	O
	1	6	7
+	1	7	9

	H	T	O
	2	8	9
+	2	2	1

	H	T	O
	2	9	0
+	3	4	0

	H	T	O
	3	2	5
+	3	7	8

	H	T	O
	7	5	6
+	1	6	9

	H	T	O
	5	4	2
+	1	7	3

	H	T	O
	4	6	5
+	4	8	5

	H	T	O
	5	6	5
+	2	9	7

	H	T	O
	3	3	3
+	2	9	8

	H	T	O
	6	3	4
+	1	9	8

	H	T	O
	7	4	8
+	1	2	7

	H	T	O
	6	8	3
+	1	7	0

	H	T	O
	4	5	6
+	4	7	6

	H	T	O
	5	1	9
+	2	4	5

ADDITION OF THREE NUMBERS

When we add three numbers, we first add the first two numbers and then add the third number to the sum we got.

Example 1: Add 3, 4 and 5.

1. Add 3 and 4
 $3 + 4 = 7$
2. Add 5 to the sum in step 1.
 $7 + 5 = 12$
3. Answer is 12.

	T	O
		3
+		4
		5
	1	2

Example 2: Add 21, 33 and 18.

	T	O
	①	
	2	1
	3	3
+	1	8
	7	2

(Follow the steps given in example 1.)

Add the following.

	T	O
		1
		9
+		8

	T	O
		2
		7
+		4

	T	O
		4
		6
+		1

	T	O
		5
		2
+		5

	T	O
		7
		8
+		3

	T	O
		6
		1
+		9

	T	O
		3
		5
+		2

	T	O
		4
		3
+		4

	T	O
	6	6
	1	4
+	1	5

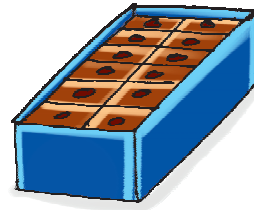
	T	O
	2	9
	1	3
+	2	9

	T	O
	2	1
	3	3
+	1	8

	T	O
	4	7
	1	6
+	2	7

WORD PROBLEMS

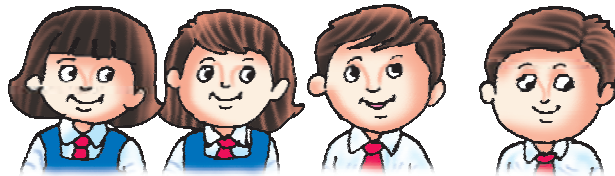
Sourav has 325 chocolates. His brother Gaurav has 234 chocolates. How many chocolates are there with both of them ?



+

H	T	O

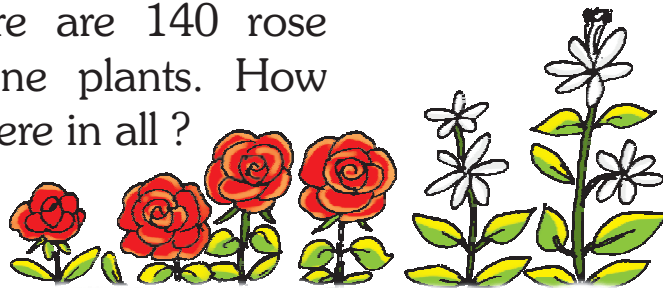
There were 425 girls and 551 boys in a school. How many students were there in all ?



+

H	T	O

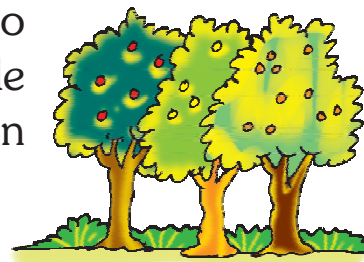
In a garden, there are 140 rose plants, 258 jasmine plants. How many plants are there in all ?



+

H	T	O

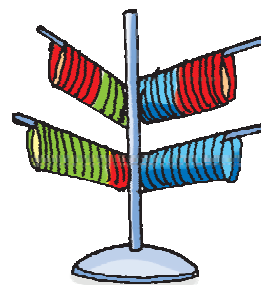
In an orchard, there are 87 mango trees, 42 orange trees and 56 apple trees. How many trees are there in all ?



+

H	T	O

Meera likes to collect bangles. She has 32 red bangles, 59 green bangles and 46 blue bangles. How many bangles does she have in all ?



+

H	T	O

WORKSHEET

Add the following.

	H	T	O
	1	1	9
+	2	0	0

	H	T	O
	3	9	0
+	4	0	1

	H	T	O
	4	2	5
+	2	1	3

	H	T	O
	5	7	8
+	2	4	5

	H	T	O
	2	0	9
+	1	2	0

	H	T	O
	3	8	7
+	2	7	8

	H	T	O
	6	3	6
+	1	9	0

	H	T	O
	3	9	8
+	3	5	6

	H	T	O
	1	6	7
+	1	9	8

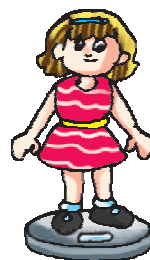
Solve the Word Problems.

A school library has 782 books. The school bought 128 books more. How many books are there now ?



	H	T	O
+			

Priya weighed 63 kg, Pooja weighed 53 kg and Pavani weighed 65 kg. What is the total weight of the 3 girls ?



	H	T	O
+			