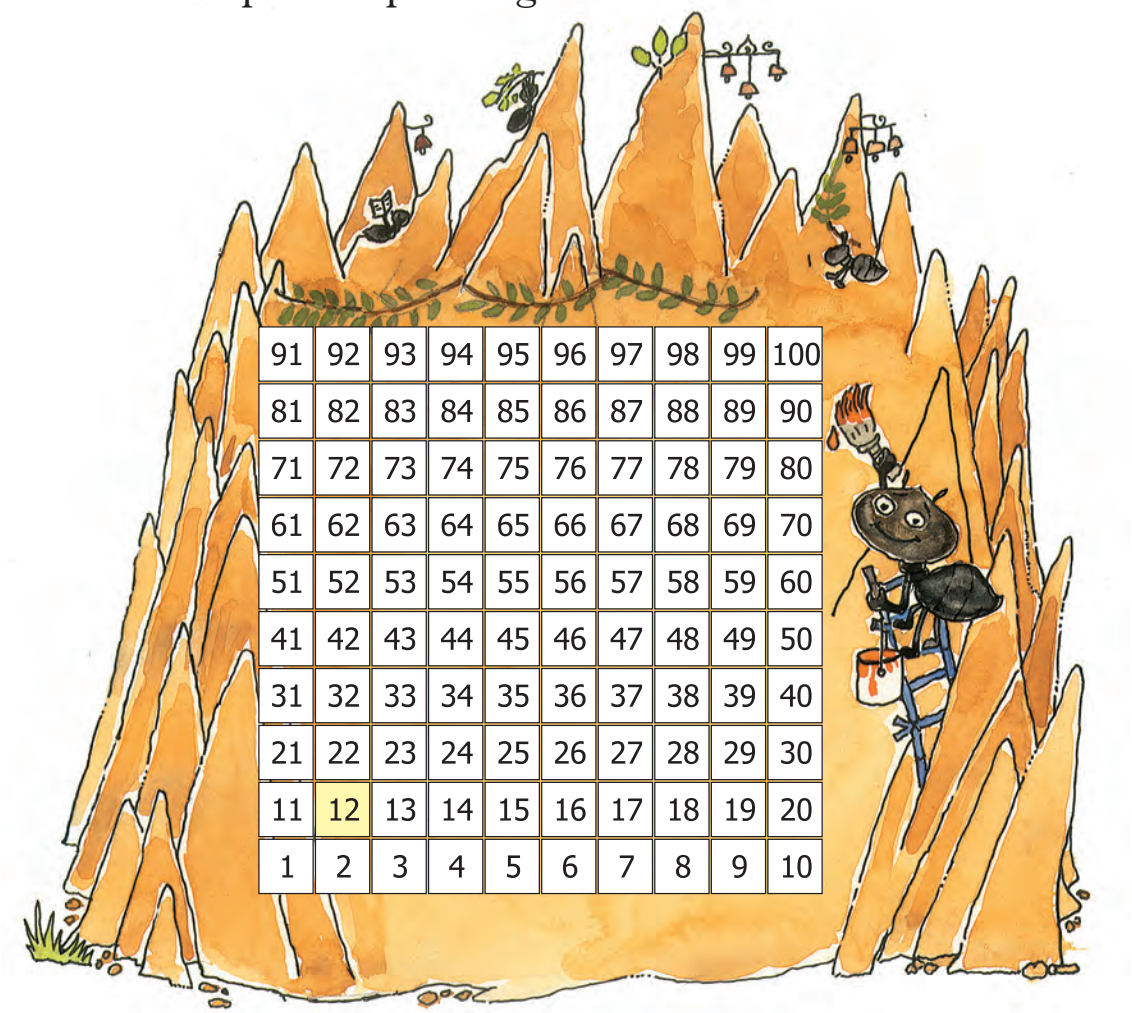
3 Give and Take

0325CH03

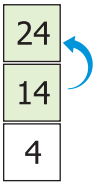
I am Kittu. This is my home. Isn't it huge? It has 100 rooms. Help me in painting some of the rooms.



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

I start from room 2. I add 10 to 2 to reach room 12 and paint it. To add 10 to 2, we can go all the way to the right to 10. Then up to 11, and one step right to 12.
This is one way to go from 2 to 12.
Is there a shortcut? Of course! Follow me.
We can jump up one row.
A jump from 2 to 12 is like taking _____ steps.

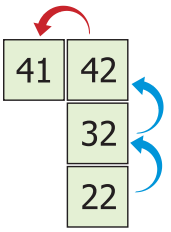
Now try one jump up from 14.



14 + 10 = 24 .

Colour this room.

How will I go from 22 to 41? Jump from 22 to 42.



Then one step left. We can write it like this.

22 + 20 = 42

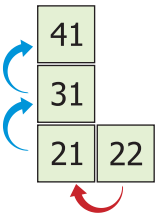
42 – 1 = 41

How many steps did I go in all? _____

You could also go this way:

From 22 take one step left to 21.

Then two jumps up to 41.



22 – 1 = 21

21 + 20 = 41

Find My Food

Try these on Kittu's home:

Hey! I have something more interesting for you.
Ma told me, there are sweets to eat in some rooms.
Help me find that room. The answers from the next page will help you find that room. Mark them in my home.

a) 10 less than 34 is _____.

b) 53 – 20 = _____

c) 11 more than 31 is _____.

The 10×10 number grid is a useful aid for adding and subtracting two-digit numbers. Children should be encouraged to try these operations mentally using the grid as often as possible.

d) 11 less than 66 is _____.

e) 62 + 13 = _____

f) 23 less than 89 is _____.

g) 10 and 40 more is _____.

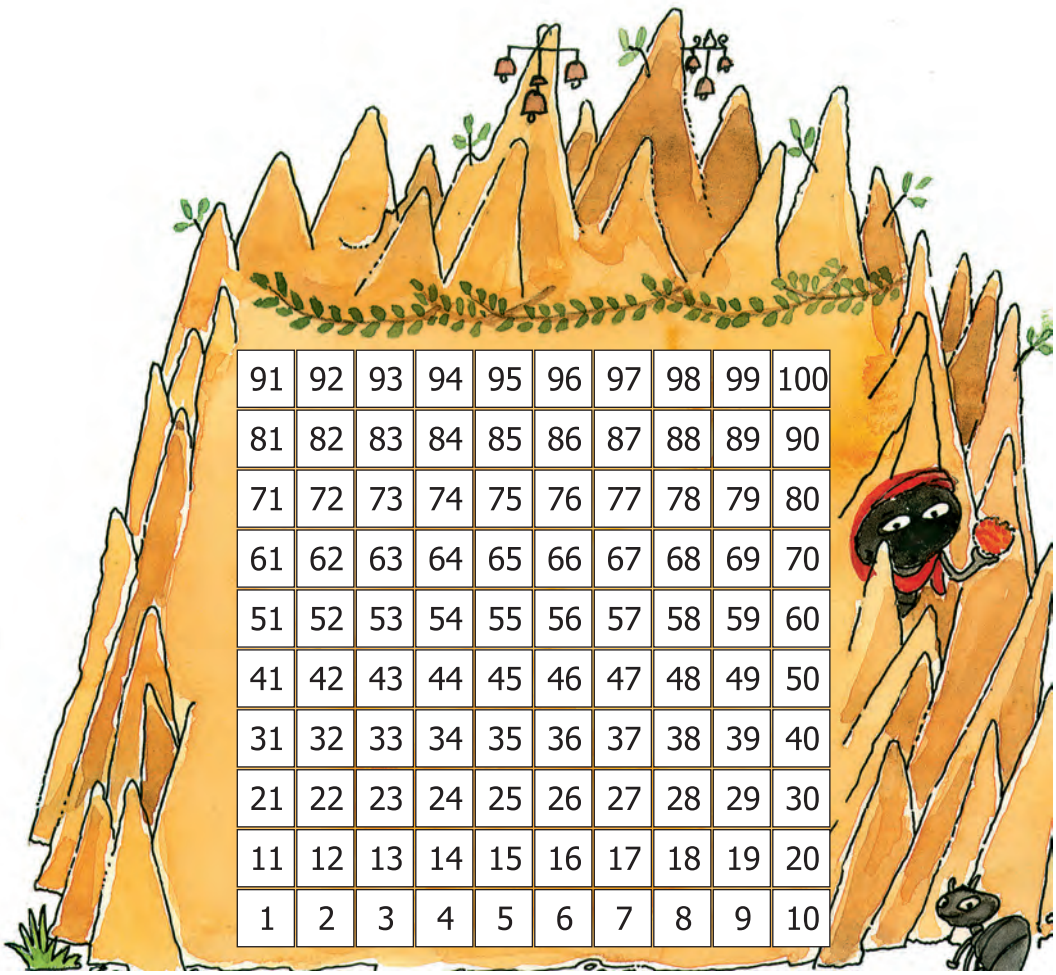
h) 9 added to 28 gives _____.

i) The sum of 9 and 44 is _____.

j) Reducing 98 by 34 gives _____.

k) 4 and 37 more is _____.

l) Take 35 away from 83. We get _____.



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

E.g., 47 = 37 + 10

37 + 9 = ☐

65 – 30 = ☐

☐ = 46 + 21

☐ = 87 – 30

66 – ☐ = 11

36 = ☐ + 9

45 + ☐ = 99

40 + ☐ = 76

☐ + 26 = 75

98 = ☐ + 50

☐ – 21 = 35

57 – ☐ = 20

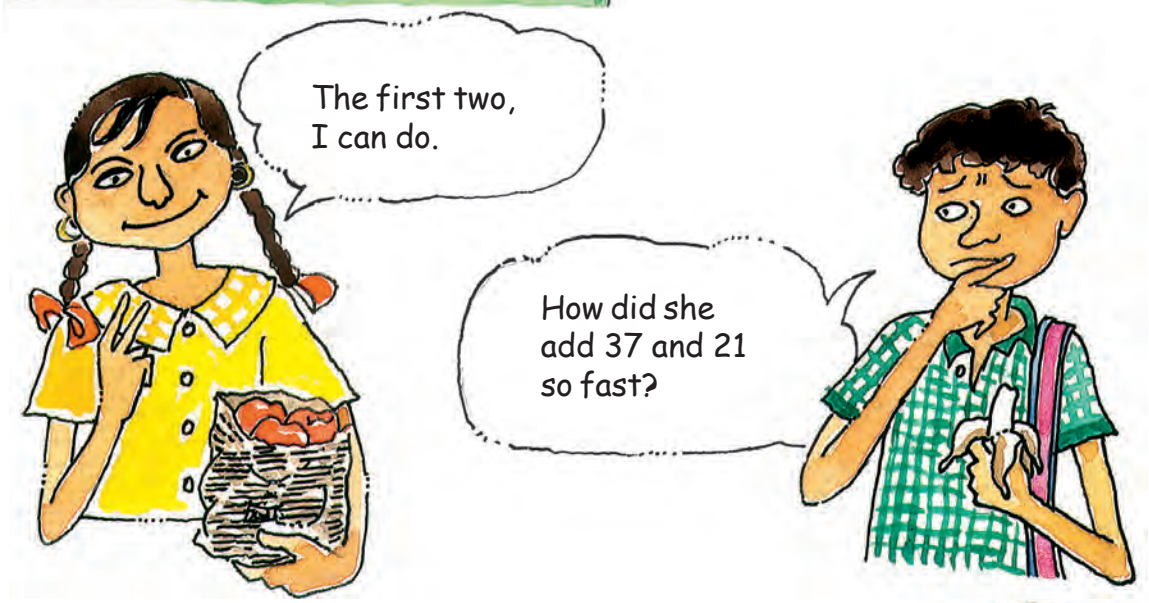
Adding Made Easy

Anisha bought apples for 37 rupees. Raja bought bananas for 21 rupees. The woman selling fruits said:

37 is 30 and 7

21 is 20 and 1

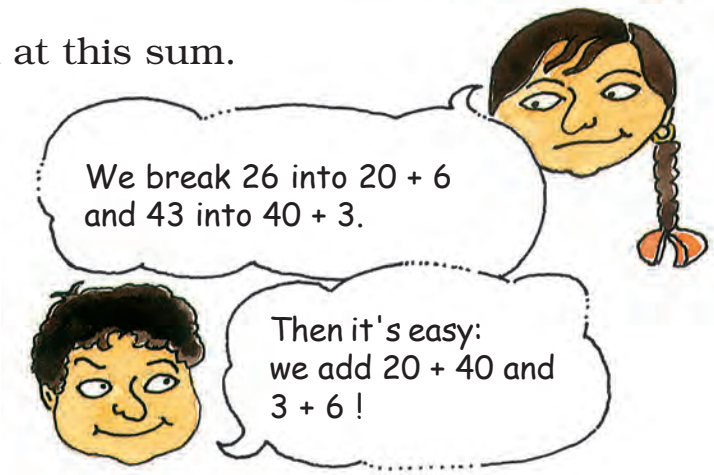
So 37 and 21 make 58.



Let us also try. Look at this sum.

26	+	43					
20	+	6	+	40	+	3	
20	+	40	+	6	+	3	
60	+	9					
69							

The answer is 69.



17 -7 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 +35 | 26 | 27 | 28 | 29

16 | 15 | 14 | 13 | 12 | 11 | 10 | +10 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1

Can you do it another way? Say how.

33 + 56 = 30 + 3 + 50 + 6

= 80 + 3 + 6

= 80 + 9 = 89

See if you can do the same with these sums.

37 + 22 = 30 + 7 + 20 + 2

= ☐ + ☐ + ☐

= ☐ + ☐ = ☐

73 + 24 = ☐ + ☐ + ☐ + ☐

= ☐ + ☐ + ☐

= ☐ + ☐ = ☐

MANGO CHILLI GAME

Roll a pair of dice and move by adding the numbers that come on the top of both the dices. Keep a different coloured button for each player. If you reach a mango you go forward (+). If you step on a chilli you have to go back (-). See who reaches back home first !

HOME | 79 | 78 | 77 | 76 -50 | 75 | 74 | 73 | 72 | 71 | +5 70

30 -9 | 31 | 32 | 33 | 34 | 35 | 36 -14 | 37 | 38 | 39 | 40 +12 | 41 | 42 | 43 | 44 | 45 | 46 | 47 -8 | 48 | 49 | 50 | 51 | 52 | 53 | 54 +15 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 -13 | 66 | 67 | 68 | 69

56 + 21 = ☐ + ☐ + ☐ + ☐

= ☐ + ☐ + ☐

= ☐ + ☐ = ☐

56 + 21 = 56 + 20 + 1

= 57 + 20

= 77

Aha!
I can do it this way also!

Now work out the steps in your mind.
Write the answers directly in the boxes.

33 + 42 = ☐ ☐ = 33 + 27 55 + 25 = ☐

19 + 61 = ☐ ☐ = 34 + 63 67 + 25 = ☐

☐ = 48 + 42 ☐ = 53 + 64 72 + 56 = ☐

Let Me Tell You a Story.....

Once a baby lion lost his way in the jungle. He started crying and called out for his mother. An old deer took pity on him. He took him to his place. But the other deer got really scared. So did their other friends — rabbits, squirrels and birds. A lion among us! Oh, no! He will eat up our babies. The old deer said — don't worry. I will warn him about this. In the morning the baby lion thanked every one and started to leave. But a rabbit said — wait, he cannot go like this! Let us count to see if he has done any mischief. We should be 240 in all. Let's count.

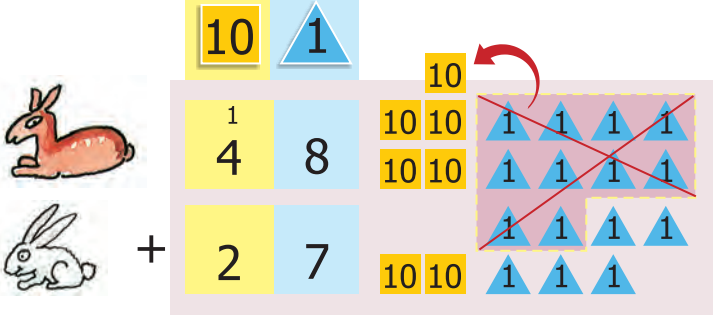
Tillu counted rabbits and deer.
There were 27 and 48

The old deer counted birds and squirrels.
There were 124 and 38

In the chapter Fun with Numbers, children would have made token cards. The same token cards should be used for exercises in addition before children do written sums.

Let's add and find out how many deer and rabbits were there...

	10	1
Number of	4	8
Number of +	2	7



	10	1
	1 4	8
+	2	7
		5

Putting all the 1 s together,
we get fifteen 1 s
Ten 1 s make one 10 and
we are left with five 1 s

	10	1
	1 4	8
+	2	7
	7	5

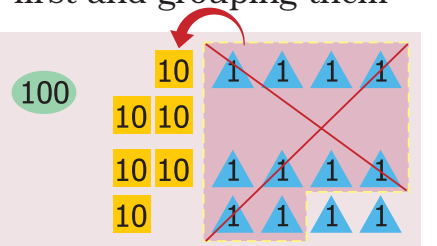
Now putting together all the 10 s,
we get seven 10 s

So total number of and = 75

Similarly we add the number of birds and number of squirrels.

	100	10	1
Number of birds	1	1 2	4
Number of squirrels +		3	8
	1	6	2

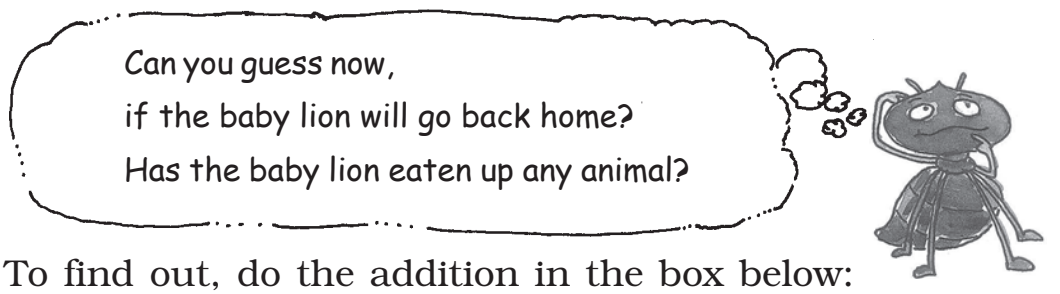
Putting all the 1 s together first and grouping them



Then putting together the 10 s and lastly the 100 s we get

So together birds and squirrels were 162, and deer and rabbits were 75.

The old deer said — we were 240 in number, now how many are we in all?



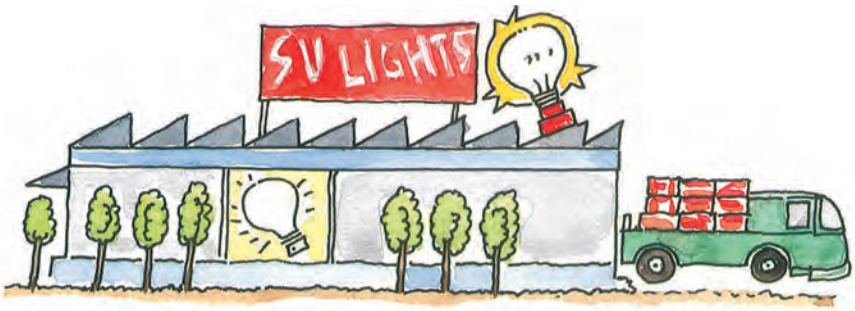
To find out, do the addition in the box below:

	100	10	1
Number of and			
Number of and +			

How Many Bulbs?

1. A factory made 270 bulbs on the first day.
   On the second day it made 123 bulbs.

How many bulbs did the factory make altogether?



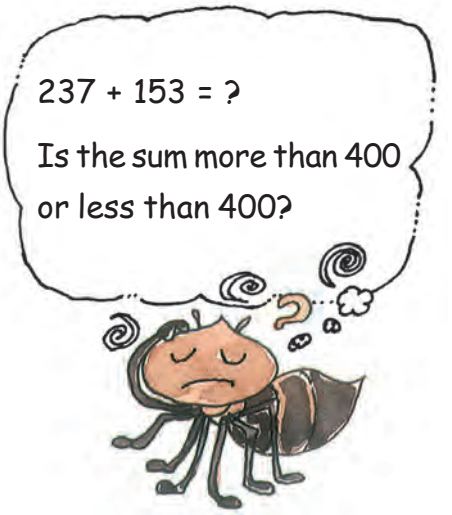
First day - 270 bulbs

Second day - 123 bulbs

Solution:

		100	10	1
Bulbs made on first day		2	7	0
Bulbs made on second day	+	1	2	3
Sum		3	9	3

2. A shopkeeper Rafi had 153 candles. Paras gave him 237 more candles. How many candles does Rafi have now?



Solution:

	100	10	1
	2	3	7
+	1	5	3
Sum			

Work out the following story problems in the same way.

Read each problem and say it in your words.

Guess the answer before writing it.

A. A train compartment is carrying 132 people. Another compartment is carrying 129 people. In all, how many people are there in both the compartments?

B. Shanu found 138 pebbles.
Karim found 44 pebbles.
How many pebbles did they find in all?

	100	10	1
	1	3	8
+		4	4

C. A teacher kept a note of which fruits students like in her school. This is what she found:

Students	Oranges	Mangoes	Total
Girls	136	240	
Boys	128	243	
Total			

Find out:

(a) How many students in the school like oranges?

(b) How many students in the school like mangoes?

(c) Altogether, how many students are there in the school?

(d) Is the number of girls more than 350 or less than 350?

WIN 5 POINTS

Practice Time

A. (i) 345 + 52

(ii) 492 + 29

(iii) 245 + 93

(iv) 643 + 345

(v) 750 + 219

B.

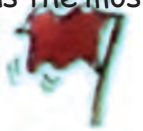
319	304	363
+ 323	+ 406	+ 456
427	684	
+ 248	+ 232	

Puzzle

Addition is my best friend
We never have a fight
When I am done
Call out to him
And check if I am right

MIND BUS GAME :

Two friends play this game. You look at the bus. Some people come in (+) and some leave (-) at each bus stop. How many are there in all? Solve in your MIND! Discuss your answer. The friend who gets the right answer first wins some points. List down your points. Add to find who wins the most!



WIN 5 POINTS

WIN 5 POINTS

19 - 5 | 6 - 15 | 7 - 3 | 6 - 10 | 4 + 20 | 1 - 7 | 5 - 4

Work out four different ways to write the numbers.

If you add all the numbers in the first box, you will always get 59.

59
50 + 9
30 + 29
19 + 40
59 + 0

78
+
+
30 +
+

83
+
+ 43
+
+

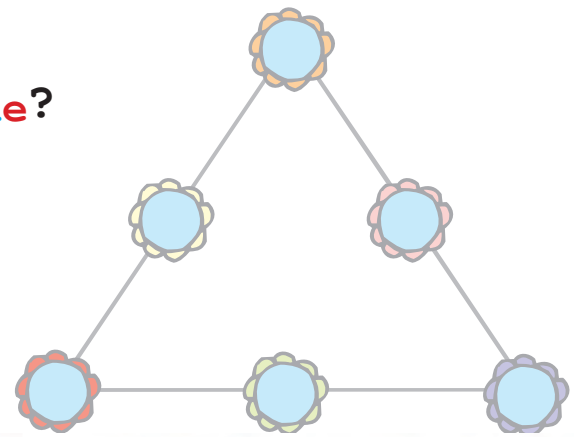
99
+
+ 39
+
+

102
+
+
+
+ 50

168
+
+
+ 68
+

Can You Solve this Puzzle?

Write the numbers 1, 2, 3, 4, 5, 6 in the circles, so that the sum of the numbers on each side of the figure is 12.



WIN 5 POINTS

20 - 17 | 19 - 3 | 9 + 12 | 20 - 9

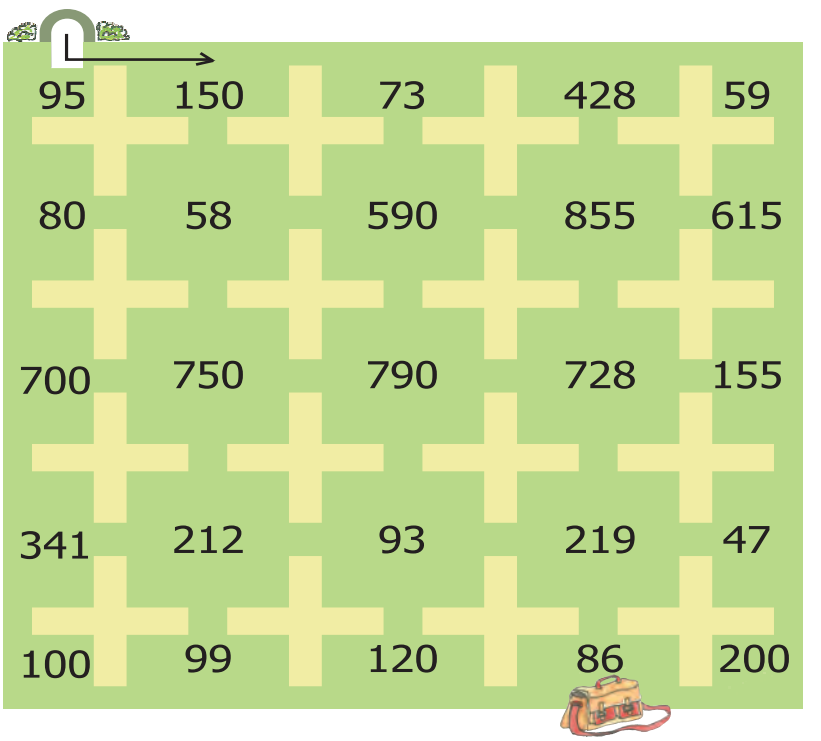
Find Mithoo's Bag

Do all the sums mentally:

a)	75 + 20 =	95	g)	670 + 120 =	
b)	90 + 60 =	150	h)	380 + 210 =	
c)	25 + 30 + 3 =		i)	205 + 650 =	
d)	9 + 40 + 31 =		j)	128 + 600 =	
e)	500 + 200 =		k)	150 + 69 =	
f)	400 + 350 =		l)	37 + 46 + 3 =	

Find Mithoo's bag and check your answers.

Draw a line through the numbers which are answers written in the boxes above.



Card Game

One day Bubbly and Gopu were playing. Bubbly gave three number cards to Gopu. He arranged the cards in two ways.

150	–	30	=	120

Bubbly arranged them this way:

120	+	30	=	150
30	+	120	=	150

Isn't it interesting?

You can also play it. Here are the cards for you. Work out the combination. Place the cards in the right boxes.

a)

50	70	20

	+		=	
	+		=	

50	20	70

	–		=	
	–		=	

b)

30	42	12

	+		=	
	+		=	

30	42	12

	–		=	
	–		=	