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NOTES

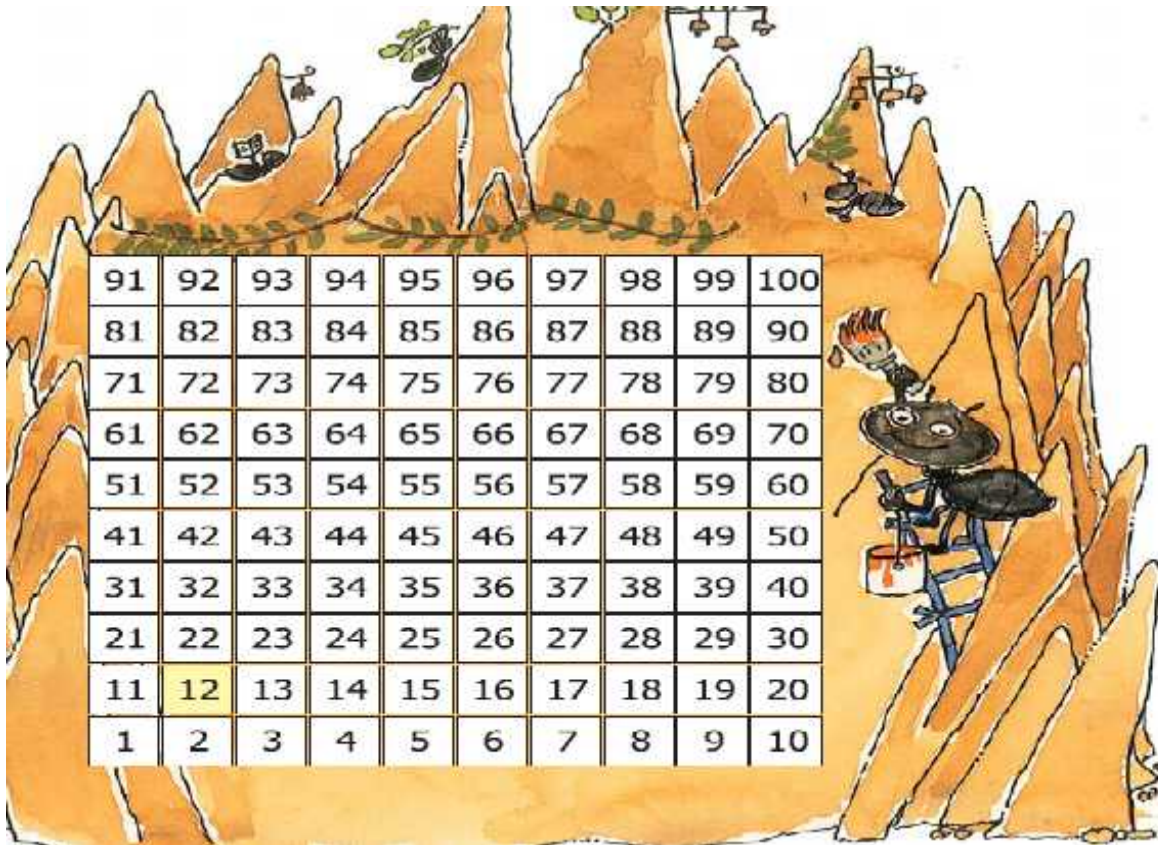
CLASS: IIIA & B

SUB: MATHEMATICS

TOPIC: GIVE AND TAKE

MONTH: JULY

KITTU'S HOME



1. A jump from 2 to 12 takes 1 step = $2 + 10 = 12$
2. A jump from 14 to 24 takes 1 step = $14 + 10 = 24$
3. How will I go to 41 from 22?

Ans: $22 + 10 = 32$ 1st step
 $32 + 10 = 42$ 2nd step
 $42 - 1 = 41$ 3rd step

So it takes 3 steps.

I. TRY THESE:

1. 10 LESS THAN 34 IS = 24
2. $53 - 20 = 33$
3. 11 MORE THAN 31 IS = 42
4. $62 + 13 = 75$
5. 11 less than 66 is 55
6. 10 more than 40 is 50
7. 9 added to 28 is 37
8. The sum of 9 and 44 is = 53
9. Reducing 98 by 34 is 64
10. 4 and 37 more is 41

11. Take 35 away from 83 is 48

II. FILL THE BOXES:

1. $37 + 9 = 46$
2. $65 - 30 = 35$
3. $64 = 46 + 21$
4. $57 = 87 - 30$
5. $36 = 27 + 9$
6. $40 + 45 = 95$
7. $98 = 48 + 50$
8. $57 - 37 = 20$
9. $66 - 55 = 11$
10. $45 + 54 = 99$
11. $101 - 26 = 75$
12. $56 - 21 = 35$

III. ADDING MADE EASY:

1. $33 + 56$
ANS: $30 + 3 + 50 + 6$
 $= 30 + 50 + 3 + 6$
 $= 80 + 9 = 89$



2. $37 + 22$
ANS: $30 + 7 + 20 + 2$
 $= 30 + 20 + 7 + 2$
 $= 50 + 9 = 59$

3. $73 + 24$
ANS: $70 + 3 + 20 + 4$
 $= 70 + 20 + 3 + 4$
 $= 90 + 7 = 97$

4. $56 + 21$
ANS: $50 + 6 + 20 + 1$
 $= 50 + 20 + 6 + 1$
 $= 70 + 7 = 77$

IV. WORD PROBLEMS:



Tillu counted rabbits and deer.
There were 27  and 48 

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

No. of rabbits = 27

No. of deers = 48

No. of birds = 124

No. of squirrels = 38

1. How many rabbits and deers are there?

Ans: No. of rabbits = 27

No. of deers = 48

Totally = 75

2. How many birds and squirrels are there?

Ans: No. of birds = 124

No. of squirrels = 38

Totally = 162

3. How many are there altogether?

Ans: No. of birds and squirrels = 162

No. of rabbits and deers = 75

Totally = 237

How Many Bulbs?

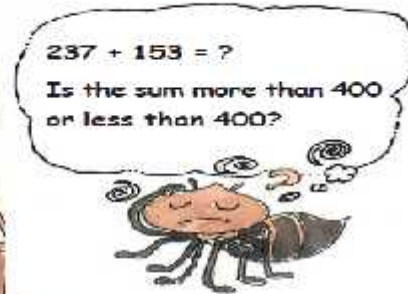
1. A factory makes 270 bulbs on the first day.
On the second day it makes 123 bulbs.

How many bulbs does the factory make altogether?



Ans : Bulbs made on first day = 270
 Bulbs made on second day = 123
 Total bulbs = 393 bulbs

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

Ans: Rafi had = 153 candles
 Paras gave = 237 candles
 Totally Rafi have = 390 candles

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?



3.

Ans : First compartment is carrying = 132 people
 Second compartment is carrying = 129 people
 Total people = 261 people

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



Ans: Shanu found = 138 pebbles

Karim found = 44 pebbles



Total pebbles = 182 pebbles

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	264
Boys	128	243	483
Total			747



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?

Ans : a.) $136 + 128 = 264$

b.) $240 + 243 = 483$

c.) $264 + 483 = 747$

d.) $136 + 240 = 376$ It is more than 350

V. DO THE SUMS MENTALLY:

- $75 + 20 = 95$
- $90 + 60 = 150$
- $25 + 20 + 13 = 58$
- $9 + 40 + 31 = 80$
- $600 + 100 = 700$
- $626 - 420 = 206$
- $39 - 22 = 17$
- $30 + 14 = 44$
- $89 - 11 = 78$
- $44 - 2 = 42$

VI. SUBTRACTION:

- 893
412 (-)

481
- 678
225 (-)

453

$$\begin{array}{r} 3. \quad 405 \\ \quad 164 \text{ (-)} \\ \hline \quad 241 \end{array}$$

$$\begin{array}{r} 4. \quad 783 \\ \quad 274 \text{ (-)} \\ \hline \quad 509 \end{array}$$

Find Mithoo's Bag

Do all the sums mentally:



- | | | | |
|--------------------|-----|--------------------|-----|
| a) $75 + 20 =$ | 95 | g) $670 + 120 =$ | 790 |
| b) $90 + 60 =$ | 150 | h) $380 + 210 =$ | 590 |
| c) $25 + 30 + 3 =$ | 58 | i) $205 + 650 =$ | 855 |
| d) $9 + 40 + 31 =$ | 80 | j) $128 + 600 =$ | 728 |
| e) $500 + 200 =$ | 700 | k) $150 + 69 =$ | 219 |
| f) $400 + 350 =$ | 750 | l) $37 + 46 + 3 =$ | 86 |

Find Mithoo's bag and check your answers.

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

95	150	73	428	59
80	58	590	855	615
700	750	790	728	155
341	212	93	219	47
100	99	120	86	200

VII. CARD GAME:

1. 120 30 150

ANS: $120 + 30 = 150$

$30 + 120 = 150$

$150 - 30 = 120$

$150 - 120 = 30$

2. 50 20 70

ANS: $50 + 20 = 70$

$20 + 50 = 70$

$70 - 20 = 50$

$70 - 50 = 20$

3. 30 12 42

ANS: $30 + 12 = 42$

$12 + 30 = 42$

$42 - 12 = 30$

$42 - 30 = 12$

4. 80 20 100

ANS: $80 + 20 = 100$

$20 + 80 = 100$

$100 - 20 = 80$

$100 - 80 = 20$

5. 80 10 90

ANS: $80 + 10 = 90$

$10 + 80 = 90$

$90 - 10 = 80$

$90 - 80 = 10$