

4

SUBTRACTION

Raghu and Divya pluck 39 roses. 27 roses are red and the remaining are yellow. How many yellow roses did they pluck?

Total Roses	39	
Red Roses	27	-
Yellow Roses	12	

Try These

1. Jangu had 55 books. He kept 34 books in the almirah. How many more books does he need to keep in the almirah?

Total books	55	
Books kept in the almirah	34	-
Books to be kept in the almirah		

2. Mary bought two baskets of mangoes. In one basket there are 36 mangoes. In the other basket there are 12 mangoes less than the previous one. How many mangoes are there in the other basket?

Mangoes in first basket	36	
Less in other basket	12	-
Mangoes in the other basket		

How much money did Rangamma earn?

Rangamma sells mangoes. She purchased mangoes for ₹ 245 and sold them for ₹ 379. How much money did she earn?

	100	10	1
Mangoes sold	3	7	9
Mangoes purchased	2	4	5
Money earned	1	3	4

₹ 379 is more than ₹ 245
So Rangamma gets ₹ 379 - 245

Try This

- Shirisha got 364 marks in her half-yearly exam. She got 487 marks in her annual exam. How many more marks did Shirisha get in the annual exam?

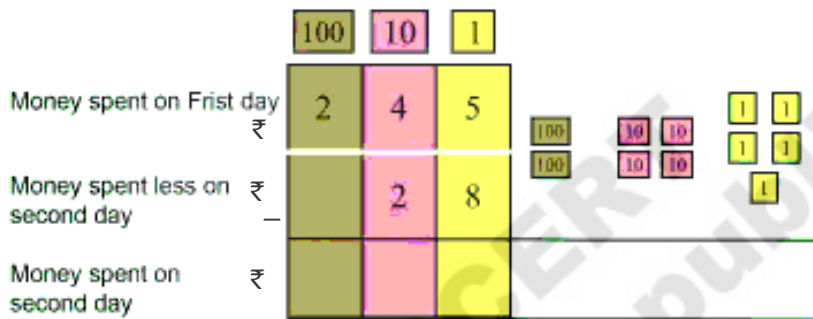
	100	10	1
Annual exam marks	4	8	7
Half-yearly exam marks	3	6	4
More marks			

Do This

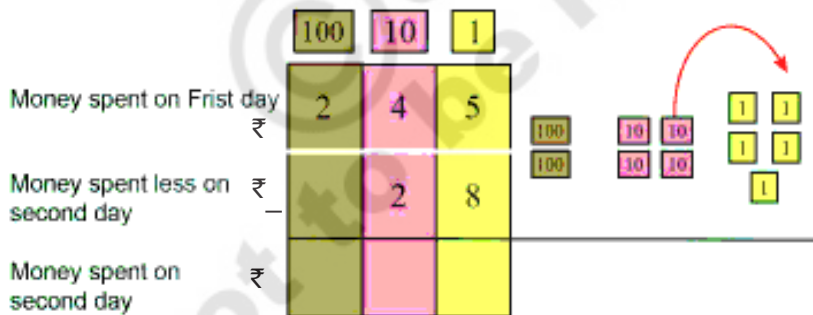
(A)	$\begin{array}{r} 10 \quad 1 \\ 6 \quad 7 \\ - \quad 3 \\ \hline \hline \end{array}$	(B)	$\begin{array}{r} 10 \quad 1 \\ 9 \quad 7 \\ - \quad 2 \quad 1 \\ \hline \hline \end{array}$	(C)	$\begin{array}{r} 10 \quad 1 \\ 4 \quad 9 \\ - \quad 2 \quad 1 \\ \hline \hline \end{array}$	(D)	$\begin{array}{r} 100 \quad 10 \quad 1 \\ 2 \quad 7 \quad 5 \\ - \quad 1 \quad 4 \quad 3 \\ \hline \hline \end{array}$
(E)	$\begin{array}{r} 100 \quad 10 \quad 1 \\ 4 \quad 2 \quad 9 \\ - \quad 1 \quad 2 \quad 3 \\ \hline \hline \end{array}$	(F)	$\begin{array}{r} 100 \quad 10 \quad 1 \\ 3 \quad 4 \quad 8 \\ - \quad 1 \quad 2 \quad 6 \\ \hline \hline \end{array}$	(G)	$\begin{array}{r} 100 \quad 10 \quad 1 \\ 2 \quad 7 \quad 5 \\ - \quad 1 \quad 4 \quad 3 \\ \hline \hline \end{array}$	(H)	$\begin{array}{r} 100 \quad 10 \quad 1 \\ 4 \quad 1 \quad 7 \\ - \quad 2 \quad 0 \quad 6 \\ \hline \hline \end{array}$

How much did Pinki spend ?

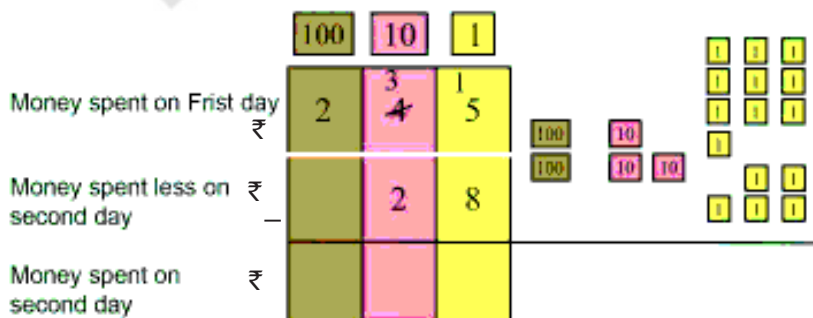
Pinki wanted to buy fruits. One day she went to Rangamma and bought some fruits for ₹ 245. The next day she bought fruits for ₹ 28 less than the previous day. How much money did Pinki spend on the second day?



Pinki spent ₹ 28 less than the ₹ 245. It means she spent ₹ 245 - ₹ 28



We can not take 8 ones from 5 ones, so we borrow 1 ten. 1 ten = 10 ones.



Now we have 10 ones and 5 ones, a total of 15 ones.



	100	10	1
Money spent on Frist day ₹	2	3 4	1 5
Money spent less on second day ₹		2	8
Money spent on second day ₹			7

From 15 ones take away 8 ones. 7 ones are left.

	100	10	1
Money spent on Frist day ₹	2	3 4	1 5
Money spent less on second day ₹		2	8
Money spent on second day ₹		1	7

Now take away tens 3 tens - 2 tens = 1 ten

	100	10	1
Money spent on Frist day ₹	2	3 4	1 5
Money spent less on second day ₹		2	8
Money spent on second day ₹	2	1	7

Now in hundreds 2 hundreds are left

Pinky spent ₹ 217 to buy fruits on the second day.

Try These

- Rani has ₹ 342. Akhila has ₹ 125 less than Rani. How much money does Akhila have?

	100	10	1
Rani's money ₹	3	4	2
Less money with Akhila ₹	1	2	5
Akhila's money ₹			

Think!
Does Akhila have more than ₹ 150 or less than ₹ 150?

2. Baby tortoise is 47 year old.
Mother tortoise is 160 years old.
By how many years is baby
tortoise younger than the mother
tortoise?



Age of mother tortoise : years

Age of baby tortoise : years

	100	10	1
-	1	6	0
		4	7



Think!
Is $160 - 47$ more
than 100 or less than
100?

Baby tortoise is _____ years younger than mother tortoise.

3. Gowry has read 194 pages of a story book. Swetha has read 128 pages of the story book. Who has read more pages? How many more?



	100	10	1
-	1	9	4
	1	2	8

Think!
is $194 - 128$ less
than 100 or more
than 100

Do This

(A)

	100	10	1
-	2	7	4
		2	9

(B)

	100	10	1
-	3	4	5
	1	2	7

(C)

	100	10	1
-	2	4	3
	1	9	2

(D)

	100	10	1
-	4	1	9
		2	8

(E)

	100	10	1
-	3	1	9
	1	7	9

(F)

	100	10	1
-	5	9	3
	2	6	9

Who is the winner?

In a cricket match Bhawani's team made 324 runs. Ikram's team is batting and has made 198 runs. How many more runs does Ikram's team need to win?



Let us find out -

To win Ikram's team must make 325 runs.

Runs needed to win $325 - 198 = ?$

	100	10	1
Runs to win	2 3	1 2	1 5
Runs made by Ikram's team	1	9	8
Runs needed	1	2	7

Think!

5 ones are less than 8 ones.

1 ten is less than 9 tens.

So, the runs needed by Ikram's team to win are 127.

How much electricity is being used?

Shalini and Shameem note the electricity meter's reading every month. Last month the reading was 168 units. This month the reading is 250 units. How much electricity did the school use in this month?

Shalini and Shameem wish to calculate the total number of units used in the month. They did the subtraction like this-

	Shalini	Shameem
Present month reading	2 5 0	2 5 0
Last month reading	- 1 6 8	- 1 6 8
	1 1 8	8 2



Who subtracted correctly? Why?
How can you check the answer?

Try This

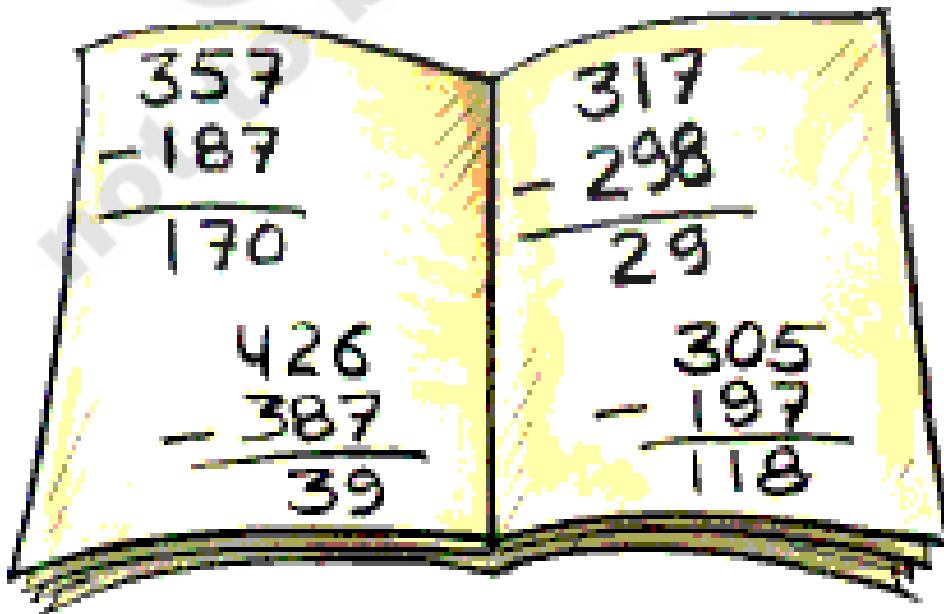
Anil had ₹ 328. After purchasing a story book he is left with ₹ 139. How much money did he spend on the story book?

		100	10	1
Money with Anil	₹	3	2	8
Money left after purchase of story book	₹	1	3	9
Money spent on story book	₹			

Think!
 $328 - 139$
 Is the difference about 200 or about 100?

Can you solve them correctly?

Gowri gave four problems to her brother Madhu. He did the problems in his note book. Gowri said out of the four only two are correct. Help Madhu find the wrong answers and correct them.



Gowri made corrections for Madhu.

	100	10	1	
	2	¹⁰ 1	1	7
_	2	9	8	
	1	9		

	100	10	1	
	2	9	1	5
_	1	9	7	
	1	0	8	

Do you agree with Gowri?

Do This

Gowri has some more problems. Can you solve them?

	100	10	1	
(A)	4	8	2	
_	1	2	9	

	100	10	1	
(B)	6	0	4	
_	2	8	9	

	100	10	1	
(C)	5	1	7	
_	2	8	9	

	100	10	1	
(D)	3	0	0	
_	1	2	9	

	100	10	1	
(E)	1	6	1	
_		4	7	

	100	10	1	
(F)	2	5	3	
_	1	2	5	