Subtraction with borrowing

Example : 1

Subtract : 32 -3

Solution:

	12
Tens	**ones**
3	~~2~~
	3
	9

-

2	12
Tens	**ones**
~~3~~	~~2~~
-	3
2	**9**

-

Step 1 :

- First we subtract the ones place : 2 – 3
- Since 2 is less than 3 (2 < 3)
- we cannot find the difference directly
- In this case, we need to borrow the tens place. We take 10 from 30 and give it to the 2 in (2 + 10 = 12).
- Then we subtract 3 from 12, resulting in 9 .

Step 2 :

- But since 10 was taken from the 30 (30 – 10 = 20), we are left with only 20
- Now, we have 2 in the tens place
- Bringing down the 2 from the tens place
- We have 2 – 0 , which equals 2.

So, Answer is 32 – 3 = 29

Example : 2

Subtract : 34 -17

Solution:

	14
Tens	**ones**
3	~~4~~
1	7
	7

-

2	14
Tens	**ones**
~~3~~	~~4~~
1	7
1	**7**

-

So, Answer is 34 – 17 = 17

Example : 3

Subtract : 42 -34

Solution:

	Tens	ones
		12
	4	~~2~~
-	3	4
		8

	Tens	ones
	3	12
	~~4~~	~~2~~
-	3	4
	0	**8**

So, Answer is 42 – 34 = 8

Example : 4

Subtract : 54 -28

Solution:

	Tens	ones
		14
	5	~~4~~
-	2	8
		6

	Tens	ones
	4	14
	~~5~~	~~4~~
-	2	8
	2	**6**

So, Answer is 54 – 28 = 26

Example : 5

Subtract : 68 - 59

Solution:

	18
Tens	ones
6	~~8~~
5	9
	9

5	18
Tens	ones
~~6~~	~~8~~
5	9
0	**9**

So, Answer is 68 – 59 = 09

Example : 6

Subtract : 77 - 9

Solution:

	17
Tens	ones
7	~~7~~
0	9
	8

6	17
Tens	ones
~~7~~	~~7~~
0	9
6	**8**

So, Answer is 77 – 9 = 68

Example : 7

Subtract : 82 - 39

Solution:

| | 12 |
Tens	ones
8	2
3	9
	3

(with **-** to the left)

| 7 | 12 |
Tens	ones
8	2
3	9
4	**3**

(with **-** to the left)

So, Answer is 82 – 39 = 43

Example : 8

Subtract : 84 - 49

Solution:

| | 14 |
Tens	ones
8	4
4	9
	5

(with **-** to the left)

| 7 | 14 |
Tens	ones
8	4
4	9
3	**5**

(with **-** to the left)

So, Answer is 84 – 49 = 35

Example : 9

Subtract : 90 - 39

Solution:

	Tens	ones (10)
	9	̶0̶
-	3	9
		1

	Tens (8)	ones (10)
	̶9̶	̶0̶
-	3	9
	5	**1**

So, Answer is 90 – 39 = 51

Example : 10

Subtract : 92 - 38

Solution:

	Tens	ones (12)
	9	̶2̶
-	3	8
		4

	Tens (8)	ones (12)
	̶9̶	̶2̶
-	3	8
	5	**4**

So, Answer is 92 – 38 = 54