Subtraction - with Borrowing

Example: Subtract 45898 from 84345.

Solution:

T-th	Th	H	T	O
7	13	12	13	15
8	4	3	4	5
- 4	5	8	9	8
3	8	4	4	7

Steps:

Step 1: We can't subtract 8 ones from 5 ones as 5 < 8.

We borrow 1 ten from tens column.

5 ones + 1 ten = 5 + 10 = 15 ones.

Now, 15 ones – 8 ones = 7 ones (write 7 in ones column).

Step 2: In tens column, we have borrowed 1 ten from 4 tens.

So, only 4 – 1 = 3 tens remain.

We can't subtract 9 tens from 3 tens.

So, we borrow 1 hundred from 3 hundreds leaving behind 2 hundreds.

3 tens + 1 hundred = 3 tens + 10 tens = 13 tens.

Now, 13 tens – 9 tens = 4 tens (write 4 in tens column).

Subtraction - with Borrowing

Step 3: In hundreds column, we can't subtract 8 hundreds from 2 hundreds. So, we borrow 1 thousand from 4 thousands, leaving behind 3 thousands.

2 hundreds + 1 thousand = 2 hundreds + 10 hundreds = 12hundreds.

Now, 12 hundreds – 8 hundreds = 4 hundreds (write 4 hundreds column).

Step 4: In thousands column, we can't subtract 5 thousands from 3 thousands.

We borrow 1 ten-thousand from 8 ten-thousands leaving behind 7 ten-thousands.

3 thousands + 1 ten- thousands = 3 thousands + 10 thousands = 13 thousands. Now, 13 thousands – 5 thousands = 8 thousands (write 8 in thousands column).

Step 5: In ten- thousands column, we subtract 4 ten- thousands from 7 ten-thousands to get 7 – 4 = 3 ten- thousands.

Hence, 84345 - 45898 = 38447.