Subtracting one digits and two digits with carrying

Solution: 25 – 8 =

Use place value.

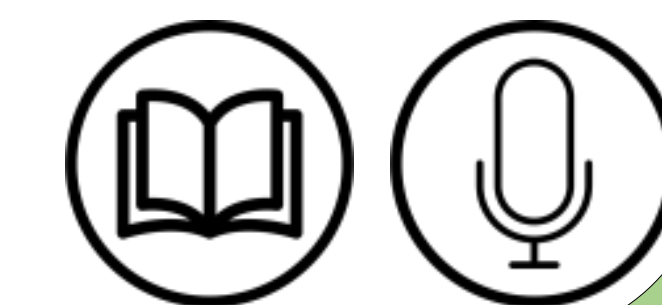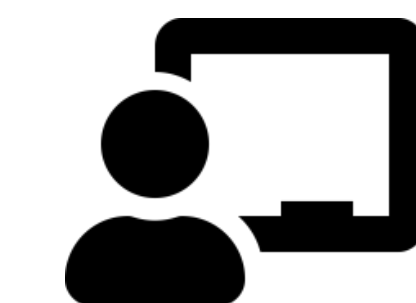|		Tens		Ones	
	25		2		5
	8		0		8

25 has 2 tens and 5 ones.

8 has 0 ten and 8 ones.

We can't subtract 8 from 5. Because 5 < 8
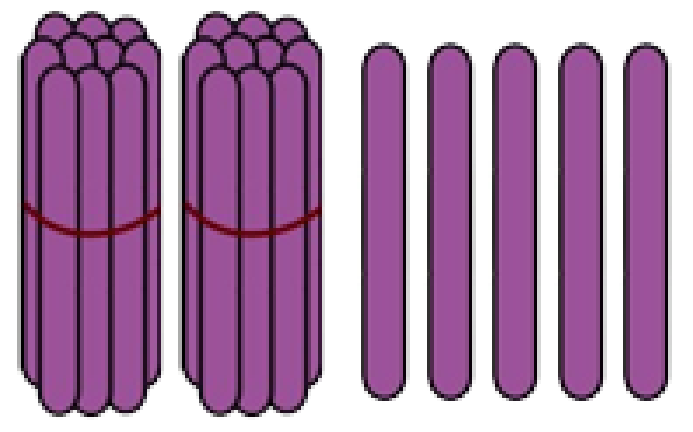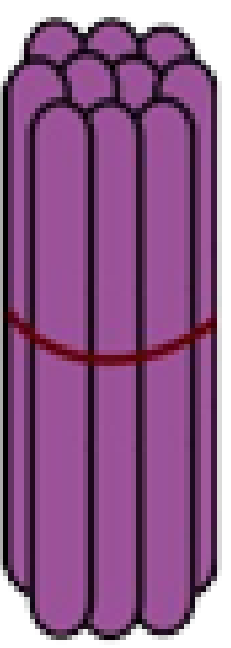
So, we need to borrow from tens place.

1 ten = 10 ones
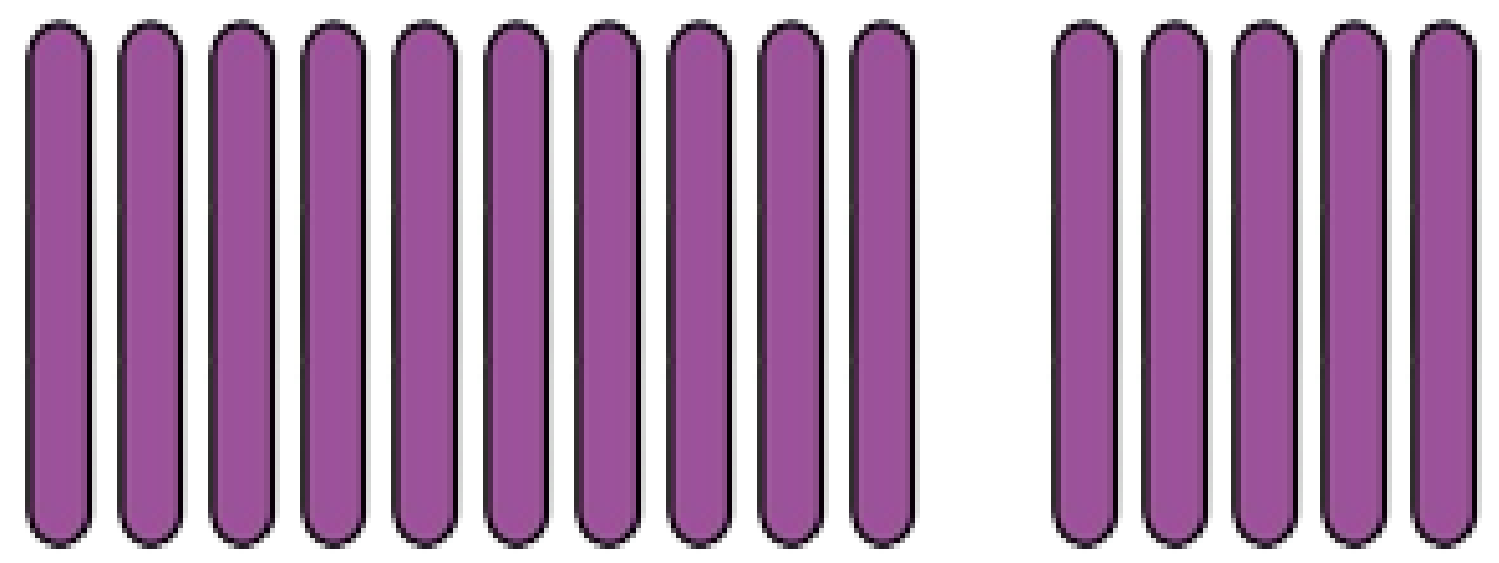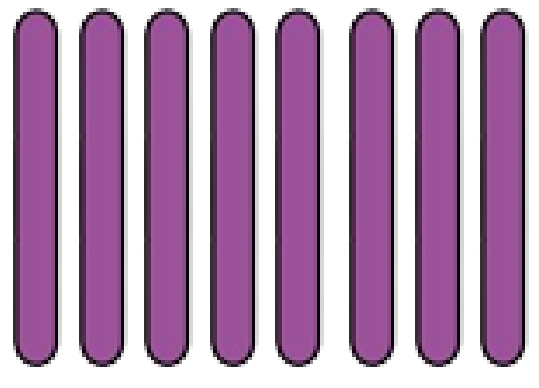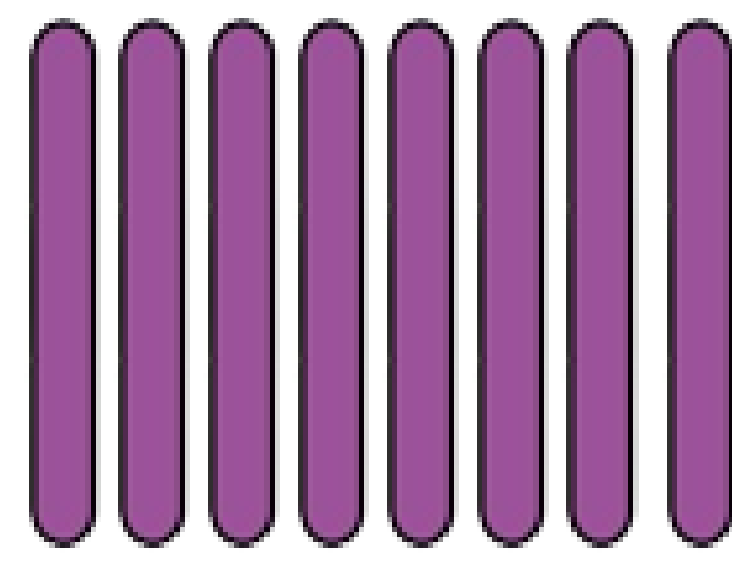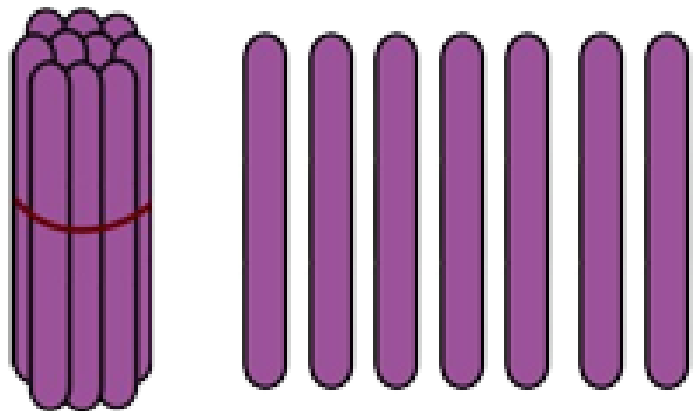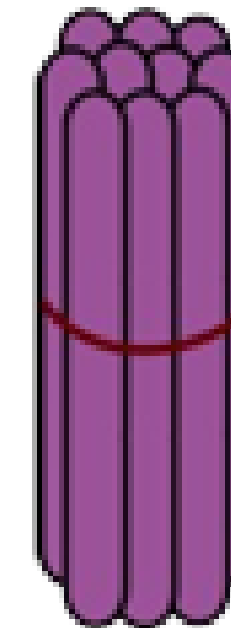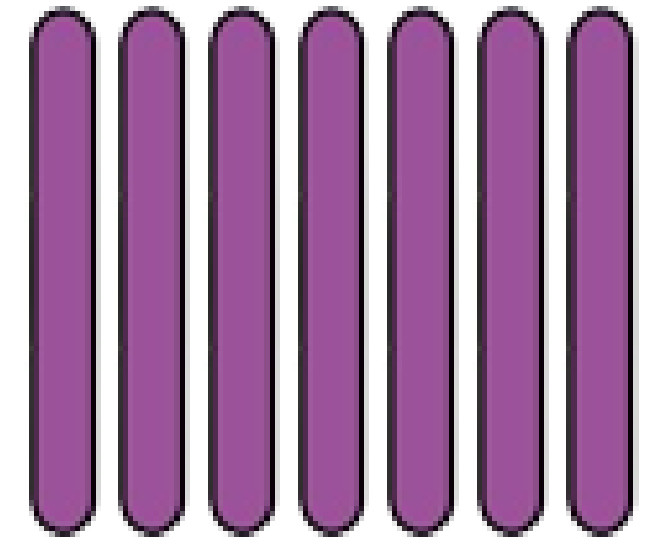
25 has 2 tens. After taking 1 ten from 2 ten, it becomes 1 ten.

		Tens		Ones	
	25		1		15
	8		0		8
Subtract from right					
	17		1		7

15 – 8 = 7

1 – 0 = 1

25 – 8 = 17

Example 1: Subtract 25 - 8
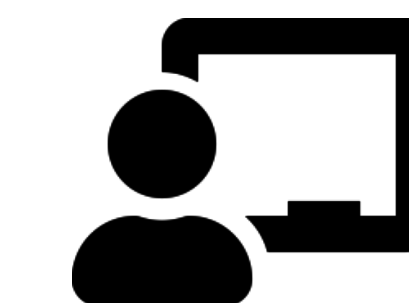
Solution: 25 – 8 =

Step 1

Using place value,

Tens Ones

$$- \begin{array}{cc} 2 & 5 \\ 0 & 8 \end{array}$$

5 < 8

Borrow from tens place.

Step 2

After borrowing,
5 becomes 15.
2 tens become 1 ten.

Tens Ones

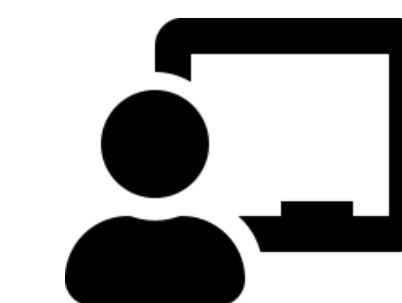$$\begin{array}{cc} 1 & 15 \\ \cancel{2} & \cancel{5} \\ - 0 & 8 \\ \hline 1 & 7 \end{array}$$

$15 - 8 = 7$
$1 - 0 = 1$

Therefore, 25 – 8 = 17.

Example 2: Subtract 63 - 9

Solution: 63 – 9 =

Step 1

Using place value,

Tens Ones

6   3
-
  0   9
_____

_____

3 < 9

Borrow from tens place.

Step 2

After borrowing,
3 becomes 13.
6 tens become 5 tens.

Tens Ones

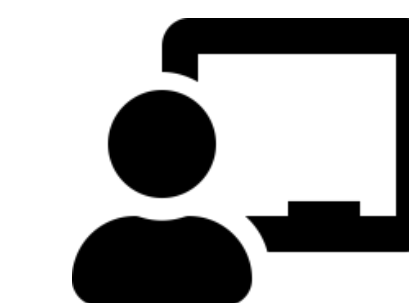5   13

6   3
-
  0   9
_____

5   4
_____

$13 - 9 = 4$

$5 - 0 = 5$

Therefore, 63 – 9 = 54.

Solution: 34 – 7 =

Step 1

Using place value,

Tens Ones

$$3 \quad 4$$
$$- \quad 0 \quad 7$$

$4 < 7$

Borrow from tens place.

Step 2

After borrowing,

4 becomes 14.

3 tens become 2 tens.

Tens Ones

$$2 \quad 14$$
$$\cancel{3} \quad \cancel{4}$$
$$- \quad 0 \quad 7$$
$$\overline{2 \quad 7}$$

$14 - 7 = 7$
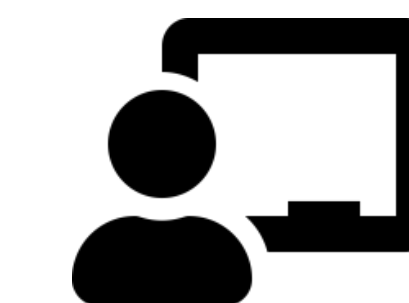
$2 - 0 = 2$

Therefore, 34 – 7 = 27.

Subtract 91 - 5

Solution: 91 – 5 =

Step 1

Using place value,

Tens Ones

9 1
- 0 5

$1 < 5$

Borrow from tens place.

Step 2

After borrowing,
1 becomes 11.
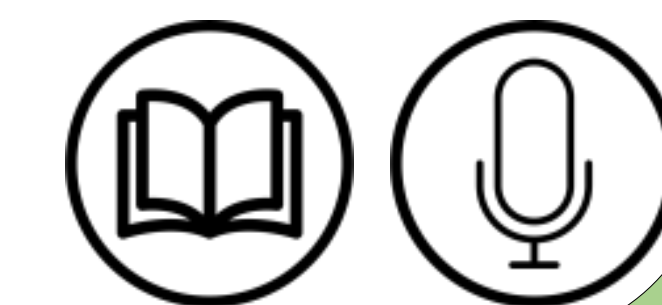9 tens become 8 tens.

Tens Ones

8 11
- 9̸ 1̸
  0 5
  8 6

$11 - 5 = 6$
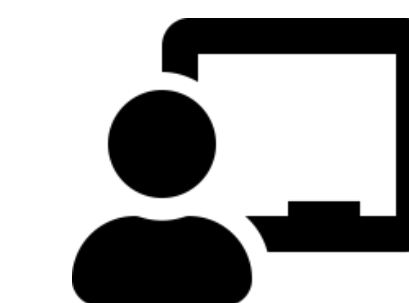$8 - 0 = 8$

Therefore, 91 – 5 = 86.

05

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Example 5: Subtract 42 - 6

Solution: 42 – 6 =

Step 1

Using place value,

Tens Ones

4 2

- 0 6

2 < 6

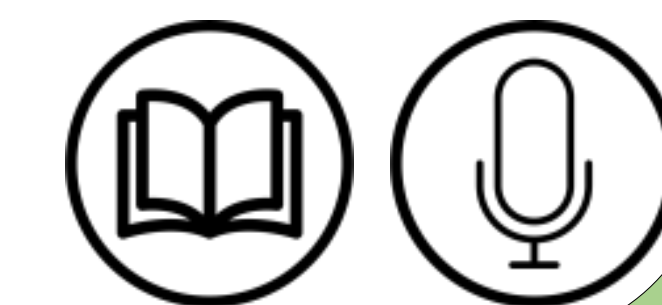Borrow from tens place.

Step 2

After borrowing,

2 becomes 12.

4 tens become 3 tens.

Tens Ones
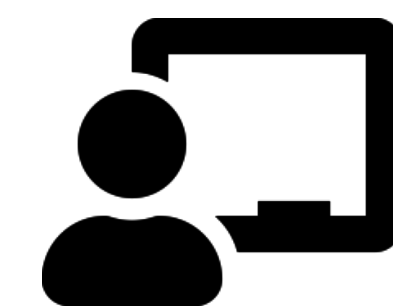
3 12

- ~~4~~ ~~2~~

0 6

3 6

$12 - 6 = 6$

$3 - 0 = 3$

Therefore, 42 – 6 = 36.

Example 6: Subtract 53 - 4

Solution: 53 – 4 =

Step 1

Using place value,

Tens Ones

5 3
-
0 4

3 < 4

Borrow from tens place.

Step 2

After borrowing,

3 becomes 13.

5 tens become 4 tens.

Tens Ones

4 13

5̸ 3̸
-
0 4

4 9

$13 - 4 = 9$

$4 - 0 = 4$

Therefore, 53 – 4 = 49.