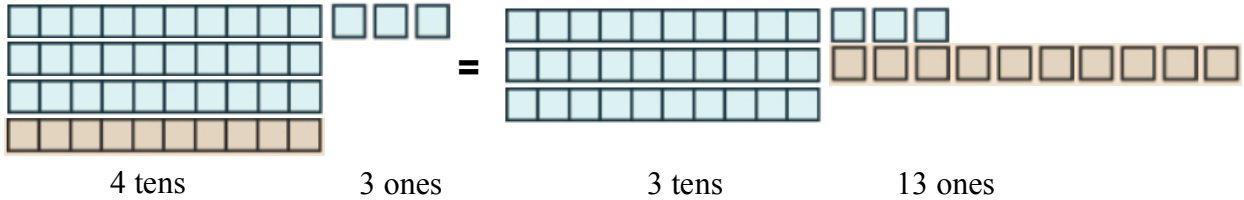
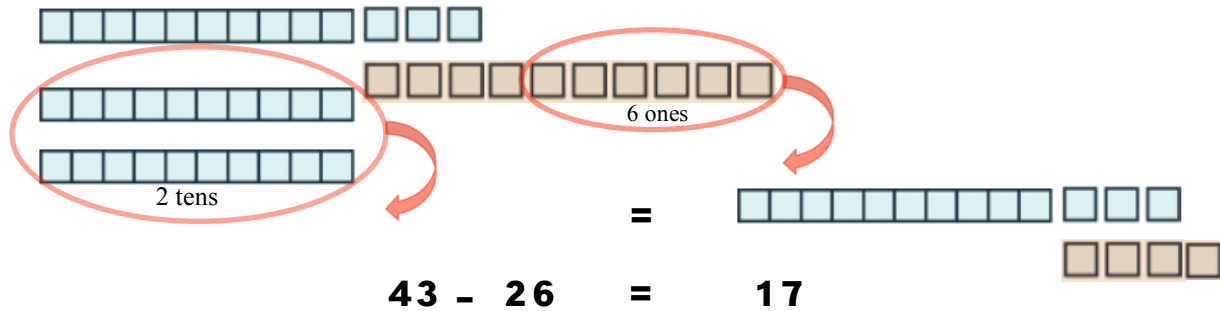


Borrowing

Now let's model $43 - 26$. That is, we will take 2 tens and 6 ones from 4 tens and 3 ones. This will require borrowing from one of our tens and exchanging it for 10 ones.



Now we can circle 2 tens and 6 ones more easily:



And now consider $7,631 - 152$:

We cannot subtract 2 from 1 or 50 from 30, so we must make an adjustment.

7,000	+	600	+	30	+	1	=	7,631
		- 100		- 50		- 2	=	- 3,426
<div style="display: flex; justify-content: space-between; width: 80%; margin: 0 auto;"> ? ? </div>								

We can rearrange the numbers in the expanded notation to accommodate the subtraction in each column:

7,000	+	600	+	30	+	1	=	7,631
7,000	+	500 + 100	+	20 + 10	+	1	=	
7,000	+	500	+	120	+	11	=	
		- 100		- 50		- 2	=	- 152
<div style="display: flex; justify-content: space-between; width: 80%; margin: 0 auto;"> 7,000 + 400 + 70 + 9 = 7,479 </div>								

We will always use the conventional shorthand notation as shown as right, but it is good to know that expanded form is the underlying concept used in all operations on whole numbers.

7,	5	12	11
-	1	5	2
7,	4	7	9

<i>Demonstration Problems</i>	<i>Practice Problems</i>
5. (a) Subtract 9 from 21.	5. (b) What is 15 less than 30?
6. (a) Find 25 less 12.	6. (b) Find 14 decreased by 10.
Answers: 5. (b) 15; 6. (b) 4	