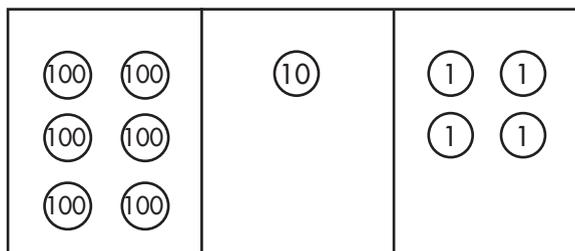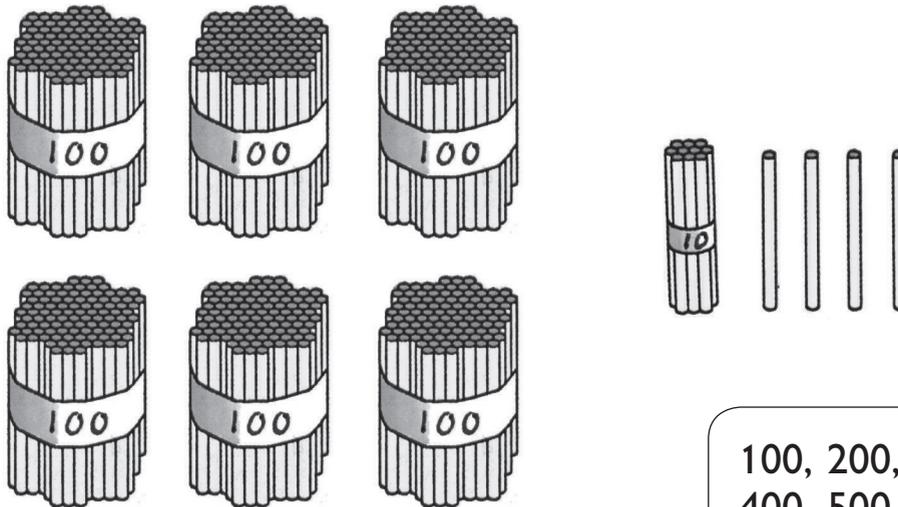# Unit 1 : Numbers to 1,000

Friendly Notes

Counting Within 1,000

We can group big numbers into hundreds, tens, and ones. This makes counting easy.
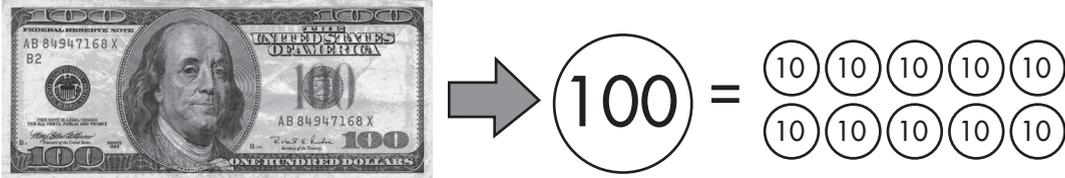
1. Count the straws.

100, 200, 300, 400, 500, 600, 610, 611, 612, 613, 614

6 hundreds 1 ten 4 ones = 614

600 + 10 + 4 = 614

Primary Mathematics (Common Core Edition) Extra Practice 2

> We put 10 tens together to make a hundred.
> We put 10 hundreds together to make a thousand.

2.   This is a one-hundred-dollar bill.

$$100 = \underbrace{10 \; 10 \; 10 \; 10 \; 10}_{} \; \underbrace{10 \; 10 \; 10 \; 10 \; 10}_{}$$

We can exchange 10 ten-dollar bills for a
one-hundred-dollar bill.

Comparing Numbers

> When we compare numbers, we work from left to right.

1.   Which number is greater?

189   **3**02

H	T	O
1	8	9
3	0	2

First, compare the hundreds.

3 hundreds is greater than 1 hundred.

302 is greater than 189.
302 > 189

'>' means greater than.

2. Which number is smaller?

H	T	O
2	**8**	5
2	**5**	5

285   255

First, compare the hundreds.
They are the same.

Next, compare the tens.
5 tens is smaller than 8 tens.
So, 255 is smaller than 285.
255 < 285

'<' means less than.

3. Which number is the smallest?
   Which number is the greatest?

H	T	O
5	3	5
3	1	1
4	2	2

535   **3**11   **4**22

First, compare the hundreds.
3 hundreds is less than 5 hundreds and 4 hundreds.
So, 311 is the smallest number.

5 hundreds is greater than 4 hundreds and 3 hundreds.
So, 535 is the greatest number.

Primary Mathematics (Common Core Edition) Extra Practice 2

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To make the smallest or greatest possible number from a group of numbers, place the numbers in a chart. Then compare the numbers from left to right.

4. What is the smallest number that can be made using 6, 2, and 8?

H	T	O	
6	2	8	✗
6	8	2	✗
8	6	2	✗
8	2	6	✗
2	6	8	
2	8	6	✗

Compare the hundreds.
2 hundreds is smaller than 6 hundreds and 8 hundreds.
So, we look at 286 and 268 only.

Compare the tens.
6 tens is smaller than 8 tens.
So, 268 is the smallest number.

268 = 200 + 60 + 8
286 = 200 + 80 + 6
80 is greater than 60.
286 is greater than 268.