
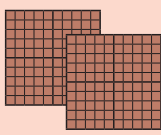







6 - 1

Numbers Greater Than 100

How to Express Numbers

Example How many  are there? Write the number and read it.

		
		
Hundreds Place	Tens Place	Ones Place
2	3	5
Two hundred thirty-five		

There are 2 groups of a hundred. It is called two hundred.

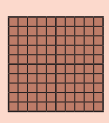
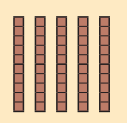


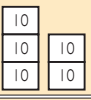

There are 3 groups of a ten. It is called thirty.

There are 5 ones. It is called five.

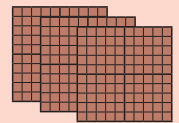


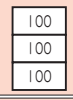


So, altogether it is called two hundred thirty-five.

How many  are there? Write the numbers and read them.

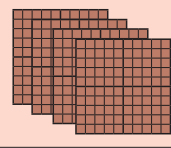


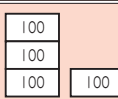


1

		
		
Hundreds Place	Tens Place	Ones Place

2

		
		
Hundreds Place	Tens Place	Ones Place

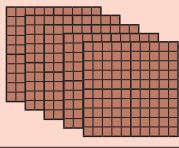

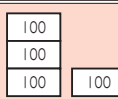

3

		
		
Hundreds Place	Tens Place	Ones Place

4

When there is nothing in the tens place, write "0".



		
		
Hundreds Place	Tens Place	Ones Place

6 - 2

Numbers Greater Than 100

Structure of Numbers

Example Write the number in the .

1 4 hundreds, 8 tens, and 5 ones together make .

Hundreds Place	Tens Place	Ones Place
<input type="text" value="4"/>	<input type="text" value="8"/>	<input type="text" value="5"/>

2 321 is made of hundreds, tens, and ones.

Hundreds Place	Tens Place	Ones Place
<input type="text" value="3"/>	<input type="text" value="2"/>	<input type="text" value="1"/>

Write the numbers in the .

1 2 hundreds, 3 tens, and 4 ones together make .

Hundreds Place	Tens Place	Ones Place
<input type="text" value="2"/>	<input type="text" value="3"/>	<input type="text" value="4"/>

2 3 hundreds, 5 tens, and 7 ones together make .

3 5 hundreds, 8 tens, and 3 ones together make .

4 6 hundreds, 7 tens and 0 ones together make .

5 432 is made of hundreds, tens, and ones.

Hundreds Place	Tens Place	Ones Place
<input type="text" value="4"/>	<input type="text" value="3"/>	<input type="text" value="2"/>

6 245 is made of hundreds, tens, and ones.

7 870 is made of hundreds, tens, and ones.

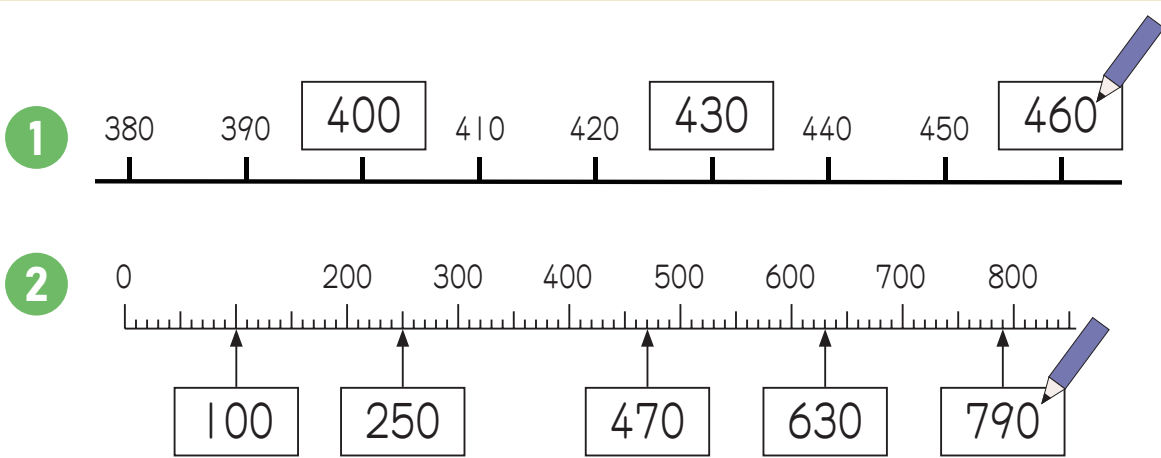
8 709 is made of hundreds, tens, and ones.

6 - 3

Numbers Greater Than 100

Finding the Numbers on the Number Line

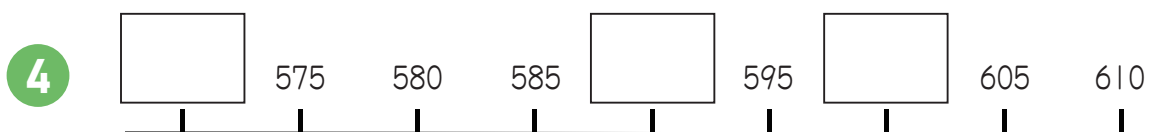
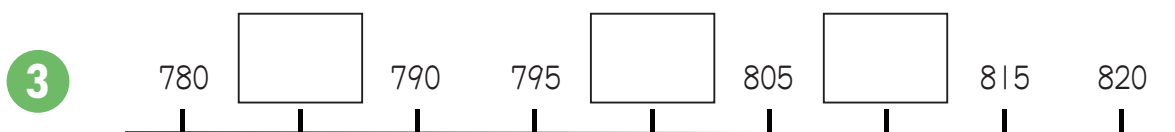
Example Write the numbers in the .



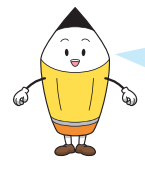
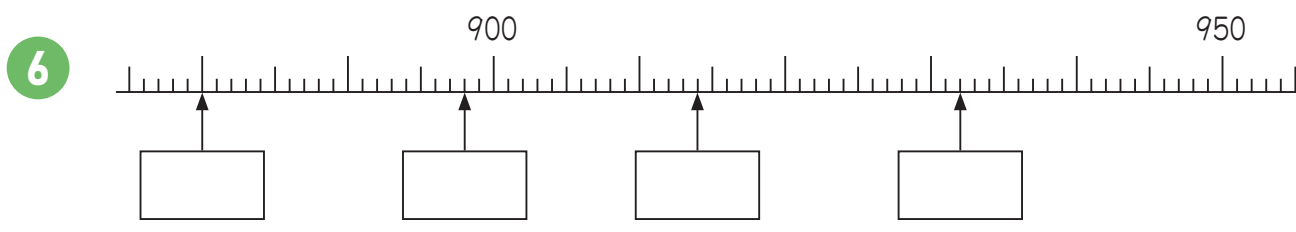
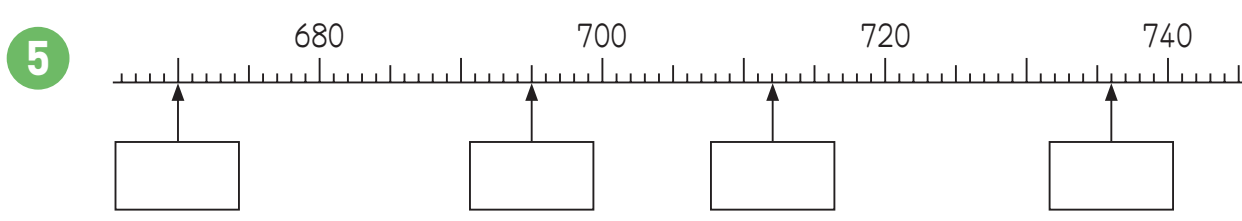
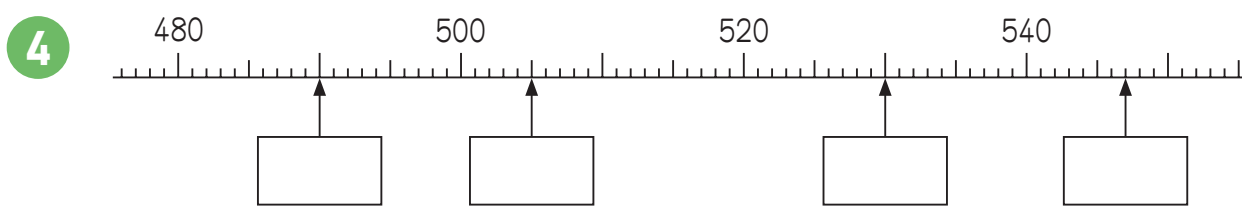
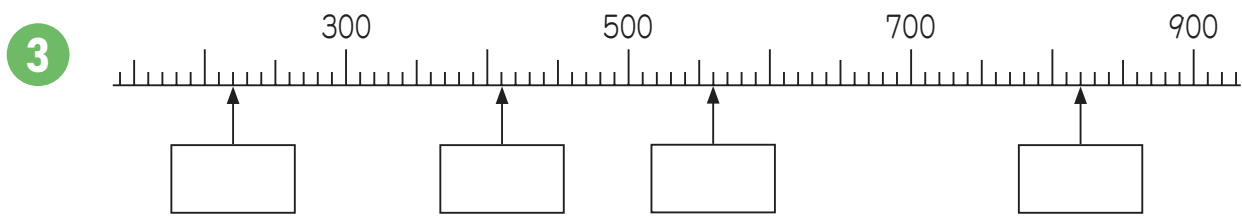
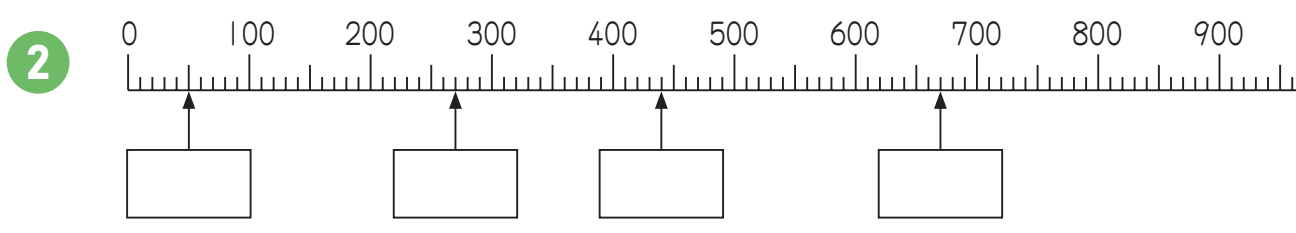
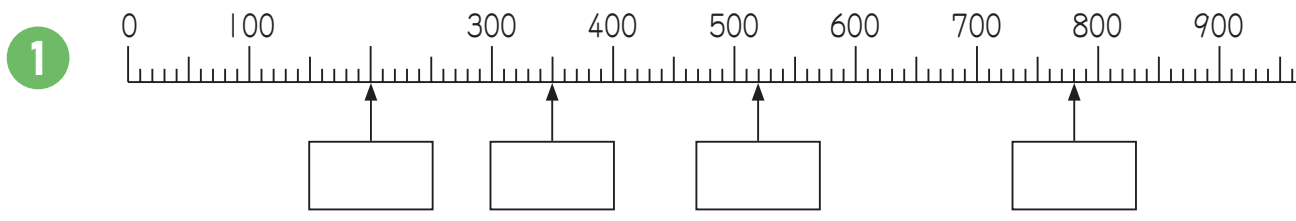
Regarding to the above **1** and **2**, the smallest tick marks show units of 10. Once we find what is the smallest tick mark, we can find the numbers on the number line easily.



1 Write the numbers in the .



2 Write the numbers in the .



We must find out what the smallest tick marks shows.

6 - 4

Numbers Greater Than 100

One Thousand (1000)

Example The number of **10** hundreds is called **1000**.
1000 is shown in the number line as follows:



1 How many 100s are there in 1000? .

2 What is the number that is 100 less than 1000?

Answer the following questions.

- 1 How many 10s are there in 1000?
- 2 How many more does 900 need to make 1000?
- 3 What is the number that is 400 less than 1000?
- 4 What is the number that is 200 less than 1000?
- 5 What is the number that is 70 less than 1000?
- 6 What is the number that is 10 less than 1000?
- 7 What is the number that is 1 less than 1000?



We can refer this number line when thinking about 1000.

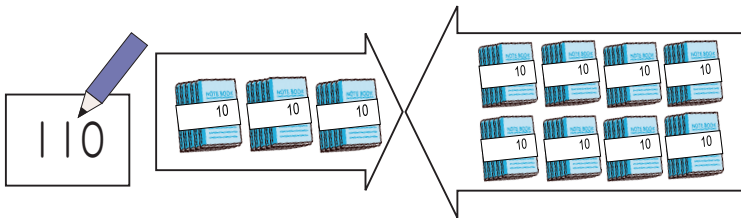
900 910 920 930 940 950 960 970 980 990 1000

6 - 5

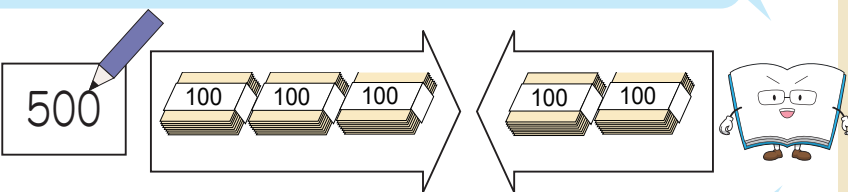
Numbers Greater Than 100

Addition with Tens and Hundreds

Example Calculate the following addition problems.

1 $30 + 80 =$ 

There are 11 bundles of ten, so the answer is 110.

2 $300 + 200 =$ 

There are 5 bundles of one hundred, so the answer is 500.

1 Calculate the following addition problems.

1 $30 + 90 =$

2 $50 + 80 =$

3 $50 + 60 =$

4 $60 + 70 =$

5 $80 + 60 =$

6 $80 + 90 =$

7 $20 + 80 =$

8 $10 + 90 =$

2 Calculate the following addition problems.

1 $300 + 100 =$

2 $300 + 400 =$

3 $200 + 700 =$

4 $400 + 400 =$

5 $100 + 600 =$

6 $200 + 400 =$

7 $100 + 80 =$

8 $200 + 60 =$

Think about how many bundles of ten there are.



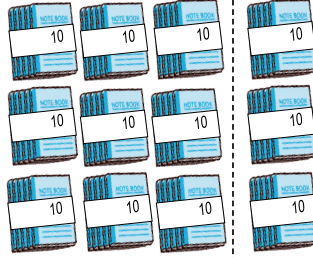
6 - 6

Numbers Greater Than 100

Subtraction with Tens and Hundreds

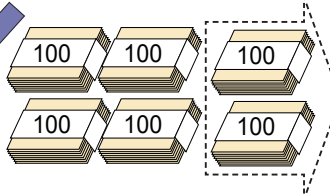
Example Calculate the following subtraction problems.

1 $120 - 30 = 90$



There are 12 bundles of ten. Subtract 3 bundles from 12 bundles.

2 $600 - 200 = 400$



There are 6 bundles of one hundred. Subtract 2 bundles from 6 bundles.



1 Calculate the following subtraction problems.

1 $110 - 30 = \square$

2 $120 - 50 = \square$

3 $150 - 60 = \square$

4 $110 - 70 = \square$

5 $170 - 90 = \square$

6 $140 - 80 = \square$

7 $120 - 90 = \square$

8 $180 - 90 = \square$

2 Calculate the following subtraction problems.

1 $600 - 300 = \square$

2 $500 - 100 = \square$

3 $700 - 500 = \square$

4 $500 - 200 = \square$

5 $400 - 300 = \square$

6 $800 - 300 = \square$

7 $1000 - 600 = \square$

8 $1000 - 200 = \square$

1000 has 10 bundles of one hundred. Subtract 6 bundles from 10 bundles.



6 - 7

Numbers Greater Than 100

How to Express Numbers

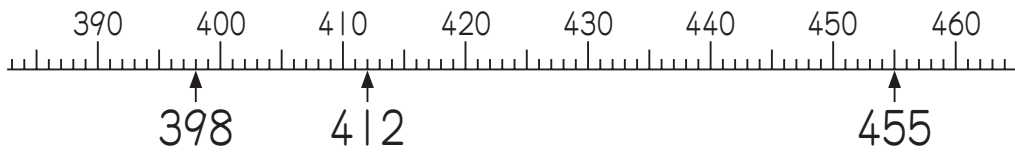
Example Compare the following two numbers and write the appropriate sign ($<$ or $>$) in the .

1 $412 > 398$

This means that 412 is greater than 398.

2 $412 < 455$

This means that 412 is less than 455.



If you look at the number line, you can find the answer easier.



Compare the following two numbers and write the appropriate sign ($<$ or $>$) in the .

1 $420 < 390$

2 $420 < 450$

3 $300 < 188$

4 $635 < 729$

5 $211 < 323$

6 $400 < 389$

7 $123 < 124$

8 $401 < 400$

9 $503 < 499$

10 $852 < 842$

11 $678 < 687$

12 $394 < 404$

6 - 8

Numbers Greater Than 100

Making Numbers

Example There are three number cards below. Make the following numbers by using these three cards.



1 The largest number

742

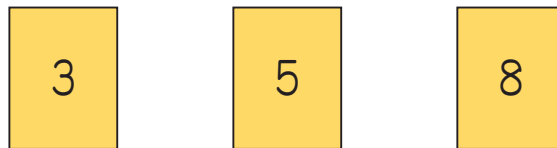
2 The smallest number

247

The largest number card is 7. So, it will be 7**.



There are three number cards below. Make the following numbers by using these three cards.



1 The largest number

2 The smallest number

3 The second largest number

4 The second smallest number

5 Numbers that are larger than 500

6 Numbers that are smaller than 500

Can you find all four numbers?



There are two numbers altogether.

Review

1 Calculate the following problems.

1 $40 + 90 =$

2 $50 + 70 =$

3 $60 + 50 =$

4 $300 + 500 =$

5 $200 + 700 =$

6 $170 - 80 =$

7 $140 - 90 =$

8 $150 - 70 =$

9 $700 - 400 =$

10 $1000 - 800 =$

2 Compare the following two numbers and write the appropriate sign ($<$ or $>$) in the .

1 347 289

2 465 565

3 657 576

4 809 853

5 730 732

6 587 589

3 There are three number cards below. Make the following numbers by using these three cards.

2

3

7

1 The largest number

2 The second largest number