

Numbers & Operations in Base Ten

Focus On: Understanding Place Value

Name: _____

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Common Core State Standards

[CCSS.MATH.CONTENT.1.NBT.B.2](#)

Understand that the two digits of a two-digit number represent amounts of tens and ones.

[CCSS.MATH.CONTENT.1.NBT.B.2.A](#)

10 can be thought of as a bundle of ten ones — called a "ten."

[CCSS.MATH.CONTENT.1.NBT.B.2.B](#)

The numbers from 11 to 19 are composed of a ten and one, two, three, four, five, six, seven, eight, or nine ones.

[CCSS.MATH.CONTENT.1.NBT.B.2.C](#)

The numbers 10, 20, 30, 40, 50, 60, 70, 80, 90 refer to one, two, three, four, five, six, seven, eight, or nine tens (and 0 ones).

[CCSS.MATH.CONTENT.1.NBT.B.3](#)

Compare two two-digit numbers based on meanings of the tens and ones digits, recording the results of comparisons with the symbols $>$, $=$, and $<$.

Loop the Tens

Loop the number in groups of ten: The number is _____.

* * * * *

* * * * *

* * * * *

* * * * *

* * * * *

I have _____ tens. I have _____ extras. (The extras are my ones!)

Show the Number in Different Ways

The number is ____.

Circle the sticks and ones to show how to make the number using different ways to group the tens and ones.



* * * * *
* * * * *
* * * * *

This model has
____ tens and
____ ones



* * * * *
* * * * *
* * * * *

This model has
____ tens and
____ ones



* * * * *
* * * * *
* * * * *

This model has
____ tens and
____ ones

Riddles

I have 36 ones and 3 tens. Who am I?

I have 42 ones and 2 tens. Who am I?

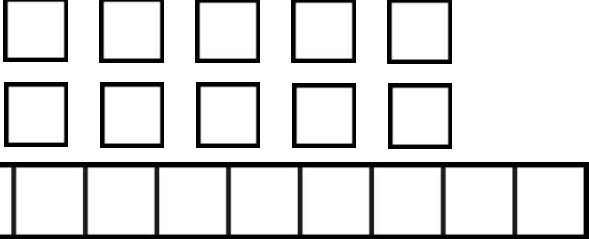
I have 27 ones and 5 tens. Who am I?

I have 58 ones and 2 tens. Who am I?

I have 12 ones and 3 tens. Who am I?

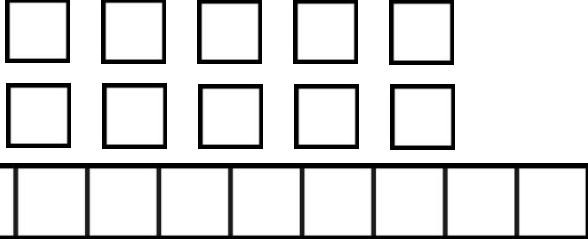
Color the number.

12



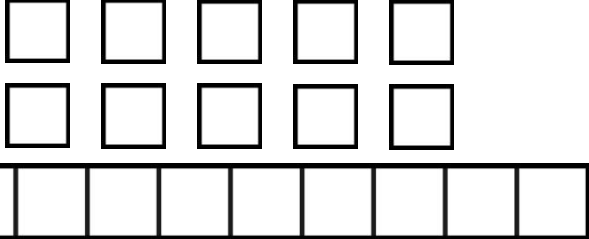
A dashed box containing the number 12. Above the number is a 2x5 grid of squares. Below the grid is a horizontal row of 10 squares.

14



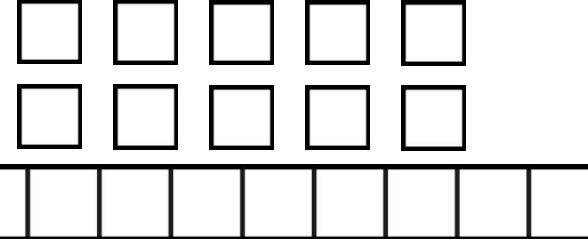
A dashed box containing the number 14. Above the number is a 2x5 grid of squares. Below the grid is a horizontal row of 10 squares.

15



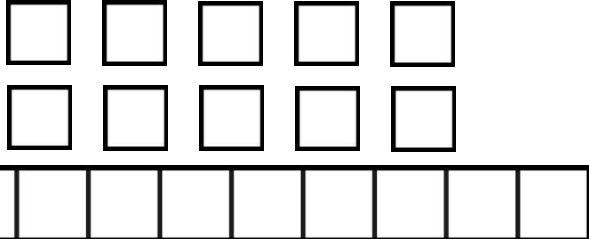
A dashed box containing the number 15. Above the number is a 2x5 grid of squares. Below the grid is a horizontal row of 10 squares.

17



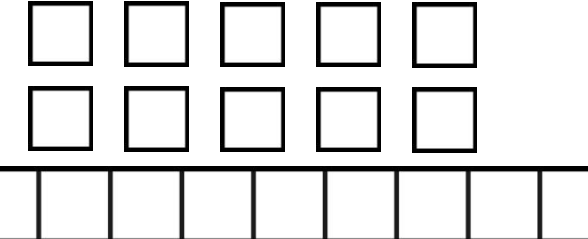
A dashed box containing the number 17. Above the number is a 2x5 grid of squares. Below the grid is a horizontal row of 10 squares.

18



A dashed box containing the number 18. Above the number is a 2x5 grid of squares. Below the grid is a horizontal row of 10 squares.

19



A dashed box containing the number 19. Above the number is a 2x5 grid of squares. Below the grid is a horizontal row of 10 squares.

Write the number word.

The number is 38.
The number word is...

The number is 81.
The number word is...

The number is 62.
The number word is...

The number is 51.
The number word is...

The number is 90.
The number word is...

The number is 15.
The number word is...

Write the number word.

The number is 623.
The number word is...

The number is 724.
The number word is...

The number is 192.
The number word is...

The number is 287.
The number word is...

The number is 328.
The number word is...

The number is 912.
The number word is...

The number is 67. It has...

_____ **tens**
_____ **ones**

The number is 52. It has...

_____ **tens**
_____ **ones**

The number is 81. It has...

_____ **tens**
_____ **ones**

The number is 93. It has...

_____ **tens**
_____ **ones**

The number is 14. It has...

_____ **tens**
_____ **ones**

The number is 35. It has...

_____ **tens**
_____ **ones**

The number is 628. It has...

_____ hundreds
_____ tens
_____ ones

The number is 605. It has...

_____ hundreds
_____ tens
_____ ones

The number is 345. It has...

_____ hundreds
_____ tens
_____ ones

The number is 271. It has...

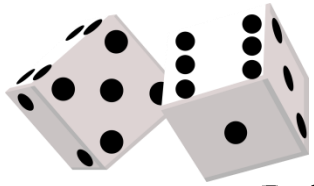
_____ hundreds
_____ tens
_____ ones

The number is 894. It has...

_____ hundreds
_____ tens
_____ ones

The number is 483. It has...

_____ hundreds
_____ tens
_____ ones



Build the Biggest Number

Roll two dice. Record the digits. Build the biggest number possible.

The biggest number I can build is:

1.

--	--

--

2.

--	--

--

3.

--	--

--

4.

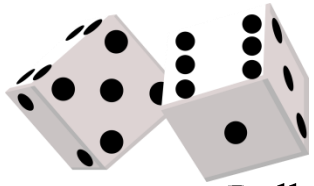
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5.

--	--

--



Build the Smallest Number

Roll two dice. Record the digits. Build the smallest number possible.

The smallest number I can build is:

1.

--	--

--

2.

--	--

--

3.

--	--

--

4.

--	--

--

5.

--	--

--

What am I?

Follow the directions to put together each number.

I have six tens and nine ones.
What number am I?

I have three ones and seven tens.
What number am I?

I have eight tens and nine ones.
What number am I?

I have five ones and nine tens.
What number am I?

Fill in the Missing Numbers

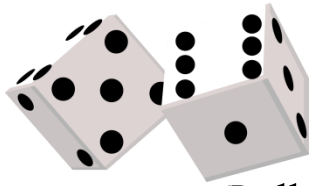
5	10	15		25	
25	30		40	45	
10	20	30			60
30	40	50		70	
40		50	55		65

Fill in the Missing Numbers

3	4	5		7	
12	13		15	16	
	26	27		29	
61	62		64	65	
72		74	75		77

Fill in the Missing Numbers

100	200	300		500	
250	350		550	650	
125	225	325			625
	572	672		872	972
480		680	780		980



Build the Smallest Number

Roll two dice. Record the digits. Build the smallest number possible.

The smallest number I can build is:

1.

--	--

--

2.

--	--

--

3.

--	--

--

4.

--	--

--

5.

--	--

--

Write each number in expanded form.

27

=

20 + 7

84

=

70

=

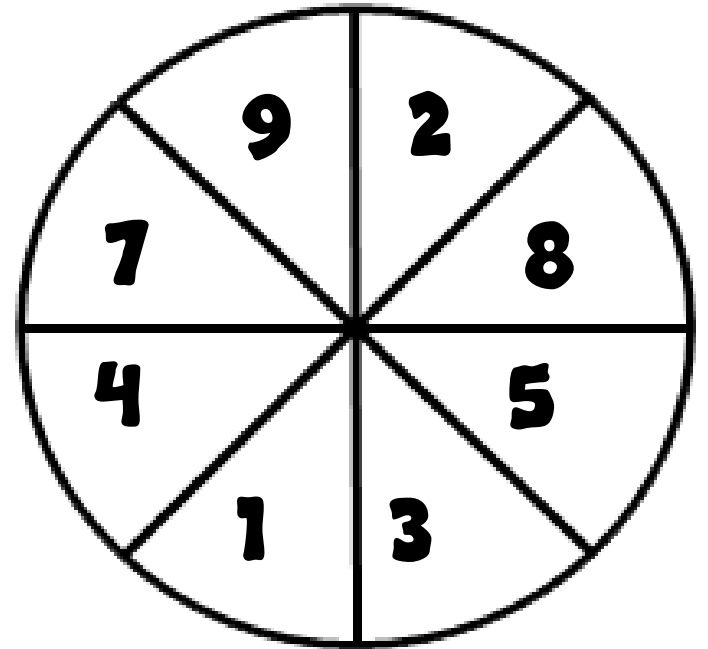
91

=

53

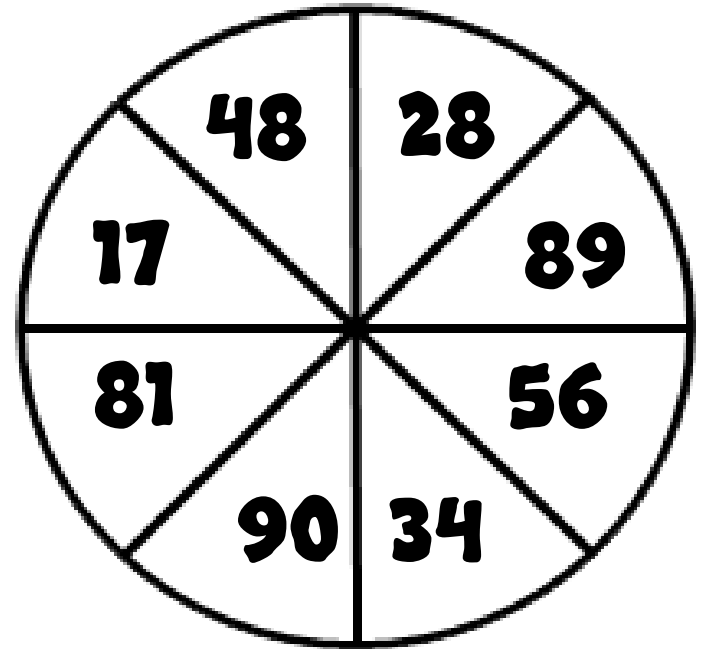
=

**Use a paperclip to create a spinner.
Spin and record the number in the first box.
Spin again and record the second number.
Compare the numbers using $<$, $>$, or $=$.**



4	<	8

Use a paperclip to create a spinner.
Spin and record the number in the first box.
Spin again and record the second number.
Compare the numbers using $<$, $>$, or $=$.



48	$<$	34

Roll & Compare

Directions: Roll two dice. Make a two digit number using your two digits in the left column. Roll again and make a two digit number in the right column. Write a $<$, $>$ or $=$ sign in the middle box showing the relationship between the two numbers.

$<$, $>$ or $=$