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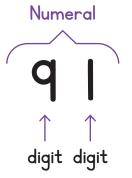
🝌 Math in a Nutshell

I have a sweet-smelling jasmine plant and a fragrant rose growing in my garden.

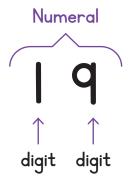




The jasmine plant has a stem that is 91 inches long.



The rose has a stem that is 19 inches long.



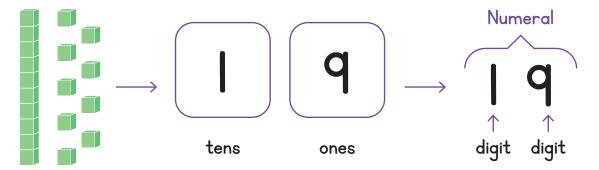
The numbers 19 and 91 both have the digits I and 9 in them, but the numbers have a different value because the digits are in a different place in the number. This is the ones place. It is where the numbers with values less than ten go.



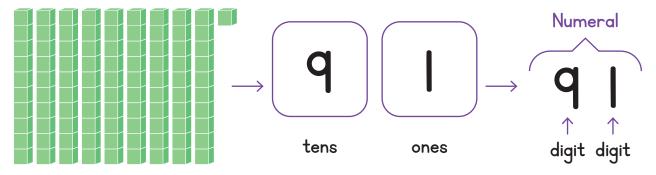
This is the tens place. It shows how many groups of ten there are.



The number 19 has a one in the tens place and a nine in the ones place. It is made up of one group of ten and nine ones.



The number 91 has a nine in the tens place and a one in the ones place. It is made up of nine groups of ten and one one.



🔪 Let's Try It Together

Tens	Ones	What is the number?
8	q	89



Check Your Skills

A plant is a living thing that grows in the earth. The parts of the plant include a stem, leaves, and roots. Roots feed the plant by bringing in water and other things that help plants grow. Roots help the plant stand up.

Draw your favorite vegetable.



Some roots are food, like carrots.



Roots can send messages to other plants about bugs, danger, water, or disease.

I planted some fruits and vegetables in my garden. We can use place value to help figure out how long the roots of the fruits and vegetables in my garden are.

Circle the ones place.



This root is

36

inches long.

This root is

Circle the tens place.



This root is

54

inches long.



30

inches long.



This root is

60

inches long.

3 Write how many tens and ones.

 $72 \text{ has} \underline{\hspace{1cm}}$ tens and $\underline{\hspace{1cm}}$ ones. $24 \text{ has} \underline{\hspace{1cm}}$ tens and $\underline{\hspace{1cm}}$ ones.

60 has ____ tens and ____ ones.

4 Draw a place value model to show each number. The first one is done for you.

'		,
Tens	Ones	What is the number?
3	6	36
		I5
		89



Which number is the same as one ten and four ones?

Circle the root that is the same length as this number.



I counted 46 tomatoes growing in my garden. How many tens and ones are in the number 46?

___ tens, ___ ones

I planted five rows of peppers. I put ten seeds in each row. Count by tens. How many seeds did I plant in all? Draw a picture to help you count.

____seeds



I'm thinking of a number that is greater than 43 but less than 48.

What could the number be? _____

A mystery number has two more tens than 34.

What is the mystery number? _____



Draw your favorite vegetables in this garden. Write how many of each plant you want. Then, draw one of the numbers as a place value model.

MY GARDEN		

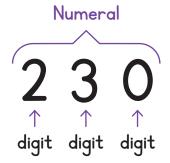


🝌 Math in a Nutshell

Honeybees collect a sweet liquid called nectar from flowers and carry pollen from flower to flower. This is an important job that helps plants grow. The buzzing sound comes from honeybees flapping their wings.



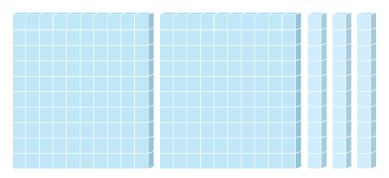
They can flap their wings up to 230 times per second!

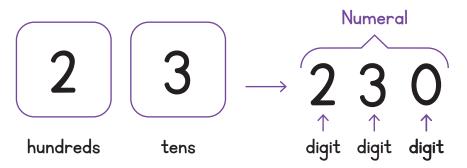


This is the ones place. It is where the numbers with values less than ten go.

 $2\ 3\ \bigcirc \leftarrow \mathsf{ones}$

230 has a two in the hundreds place and a three in the tens place. It is made up of two groups of 100 and three groups of tens.





Even though there are zero ones in the number 100, the zero in the ones place does an important job showing us the correct place value of the numeral, so we don't confuse 230 with 23.



🔪 Let's Try It Together

Hundreds	Tens	Ones	What is the number?
5	0	0	500



Check Your Skills

Bees aren't the only insects that pollinate plants and help them grow. Another common and beautiful type of pollinator is butterflies. There are many different types of butterflies.

Draw your favorite butterfly.

Match each butterfly to the model that shows the number of millimeters long it is.



Monarch butterfly

101_{mm}



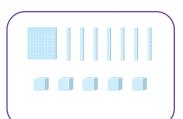
Giant swallowtail

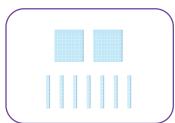
 175_{mm}

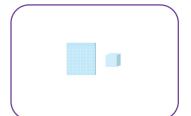


Queen Alexandra's birdwing

 $270_{\,\text{mm}}$







2

Circle the tens place in 376.

890 has ____ hundreds, ____ tens, and ____ ones.

Circle the hundreds place in 249.

707 has ____ hundreds, ____ tens, and ____ ones.

Circle the ones place in 555.

691 has ____ hundreds, ____ tens, and ____ ones.

What is the value of I in 196?

has ____ hundreds, ____ tens, and ____ ones.

Circle the hundreds place in 682.

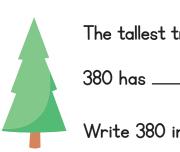
905 has ____ hundreds, ____ tens, and ____ ones.

3 Draw a place value model to show each number. The first one is done for you.

Hundreds	Tens	Ones	What is the number?
5	2	5	525
		000	
			200
			202



5



The tallest tree in the world is 380 feet tall.

380 has ____ hundreds, ____ tens, and ____ ones.

Write 380 in words:

(5/2) (5/2)

Review & Remember

Skip count by tens to fill in the missing numbers. Then, circle the digit in the tens place in each number that you filled in.

71	72	73	74	75	76	77	78	79	
81	82	83	84	85	86	87	88	89	
91	92	93	94	95	96	97	98	99	
101	102	103	104	105	106	107	108	109	
III	II2	II3	114	II5	116	117	118	IIA	



Think Smarter



It takes 12 bees working all their lives to fill one teaspoon of honey.

How many bees would you need to fill a whole bottle of honey?

What do you think? Explain your answer. Draw a picture.

EXPLAIN ANSWER / DRAW PICTURE	

Write a number more than 100: _____

Write a number more than 500: