29.04.21

LO: To divide by 100

Starter - divide these numbers by 10

6.3 $6 = 0.6$

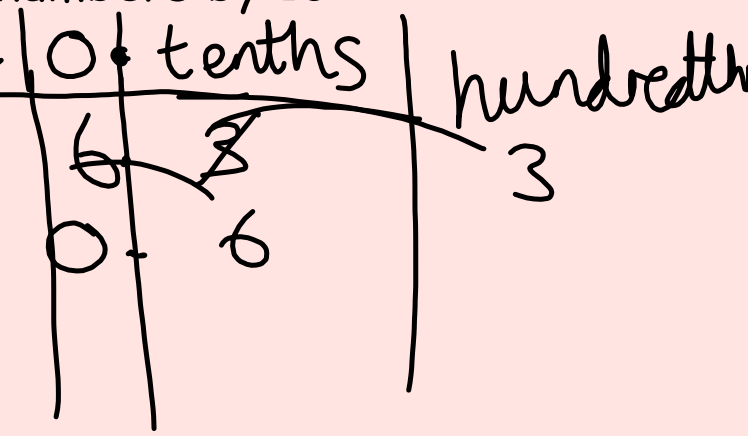
2.8 $2 = 0.2$

5.7 $5 = 0.5$

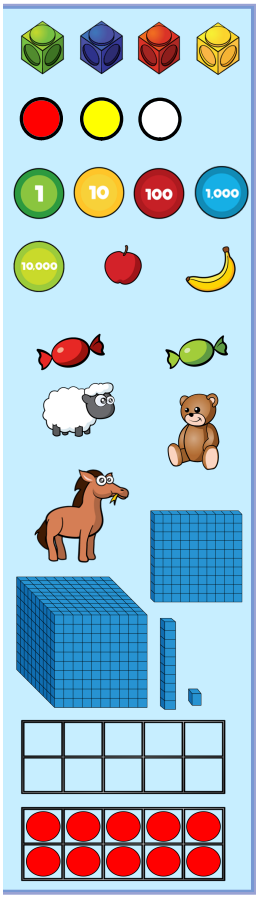
4.3 $4 = 0.4$

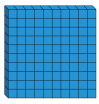
8.5 $8 = 0.8$

17.2 $17 = 1.7$



Make a Number





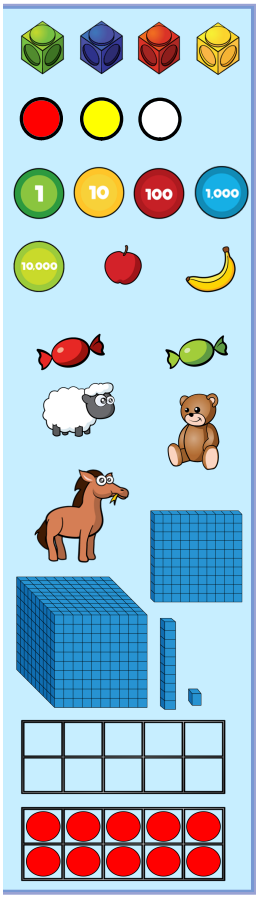
I do

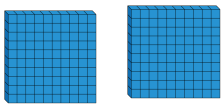
How many hundredths make 1 whole?

100

Tens	Ones	Tenths	Hundredths

Make a Number



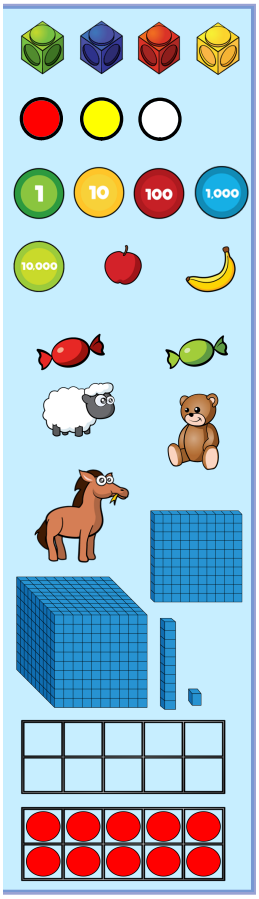


We do

How many hundredths make 2 whole?

Tens	Ones	Tenths	Hundredths

Make a Number



I do

What is this number?

Divide the number by 100 using the resources.

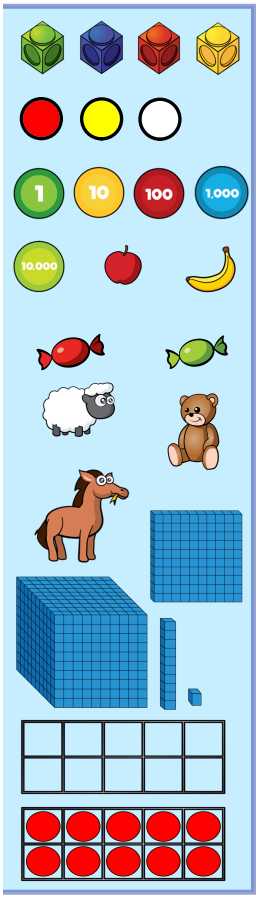
Explain what happened.

Why is the zero important?



Tens	Ones	Tenths	Hundredths
	0 . 0		0.01 3
	3		0.01
			0.01

Make a Number



We do

What is this number?

Divide the number by 100 using the resources.

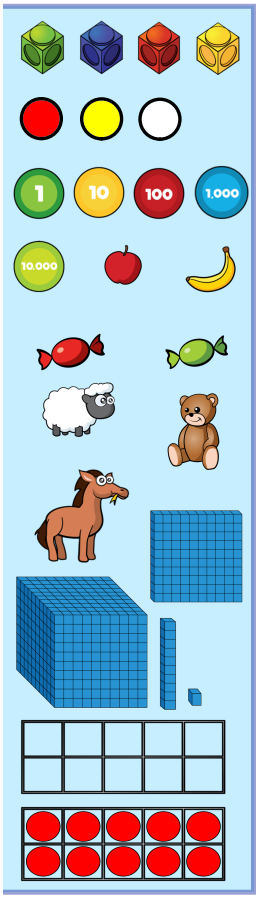
Explain what happened.

Why is the zero important?





Make a Number

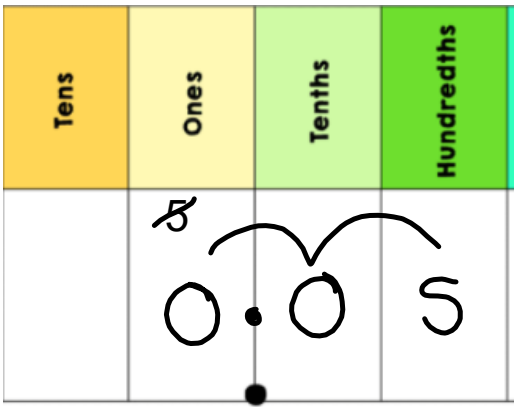


I do

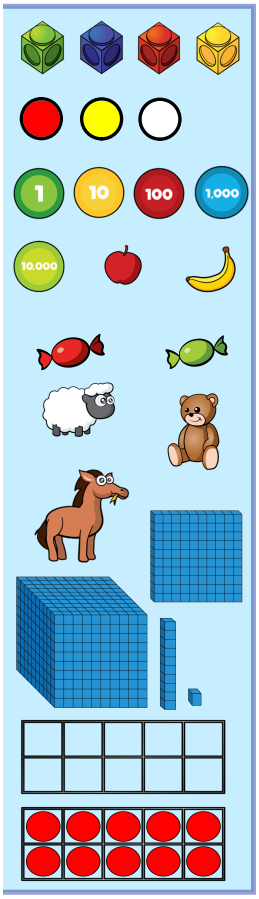
What is this number?

Divide the number by 100 using the resources.

Explain what happened.



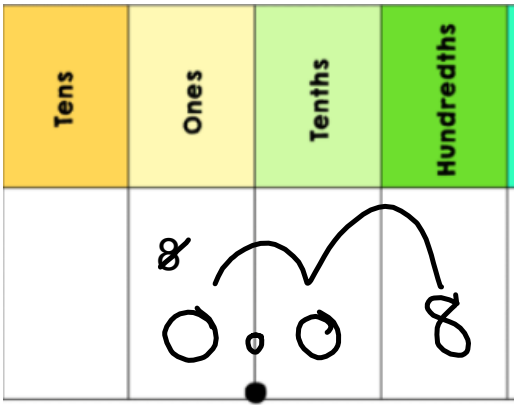
Make a Number



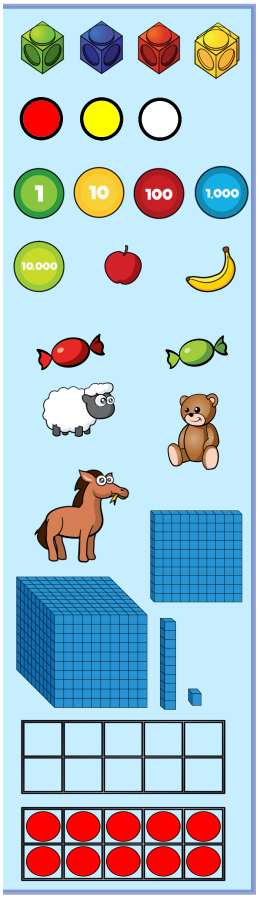
We do

Divide the number 100 using the resources.

Explain what happened.



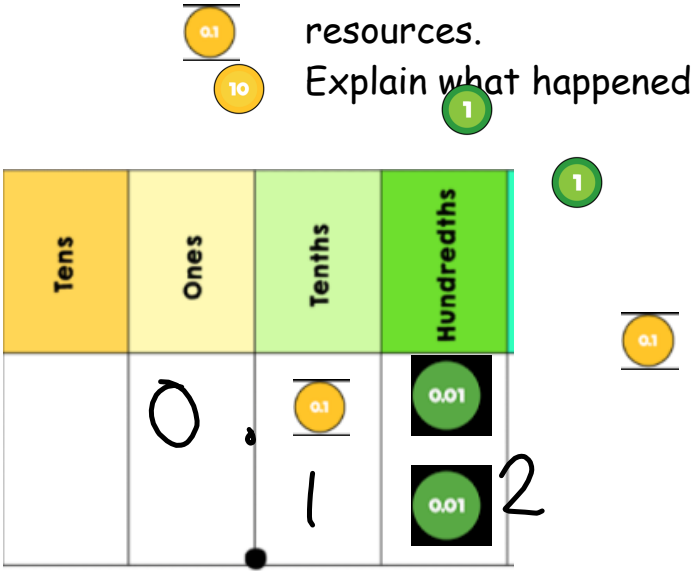
Make a Number



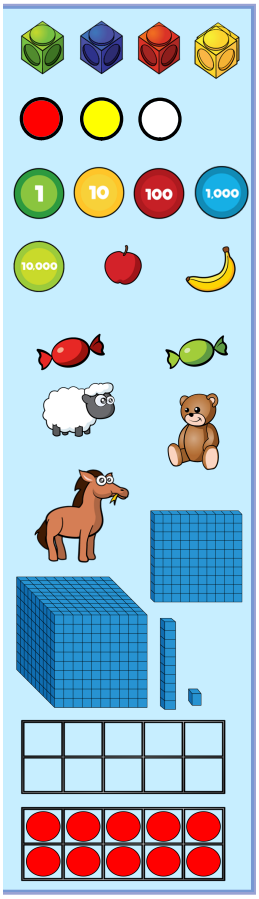
I do

Divide the number 10 using the resources.

Explain what happened.



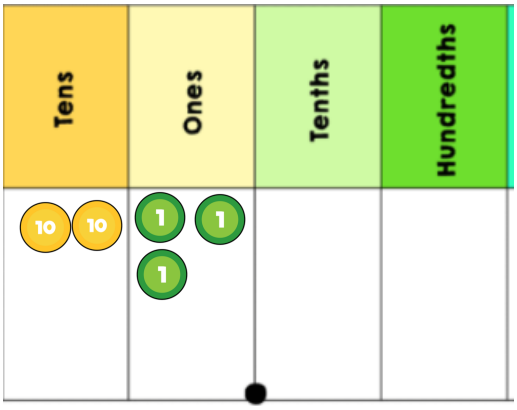
Make a Number

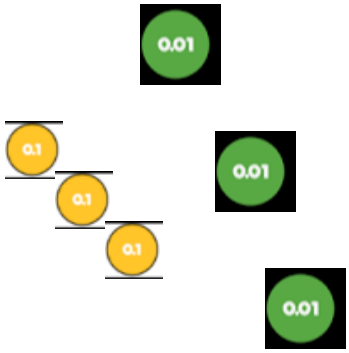


We do

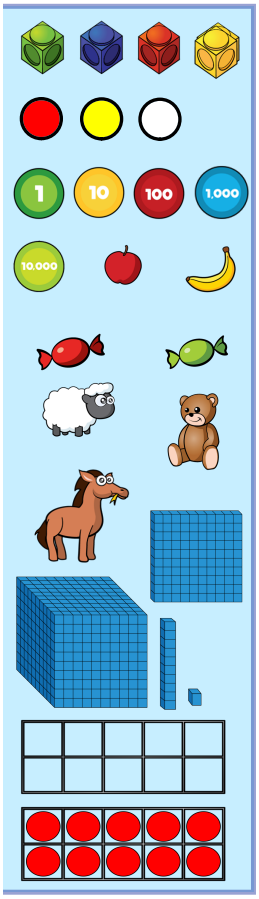
Divide the number 10 using the resources.

Explain what happened.





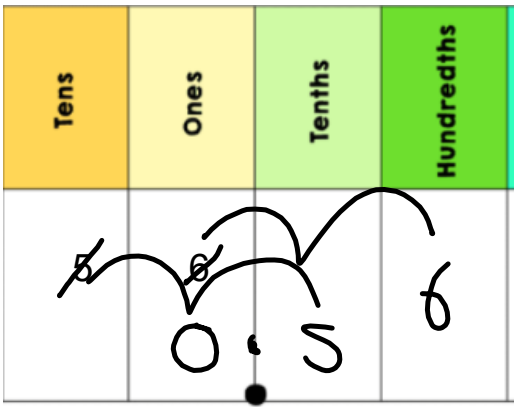
Make a Number



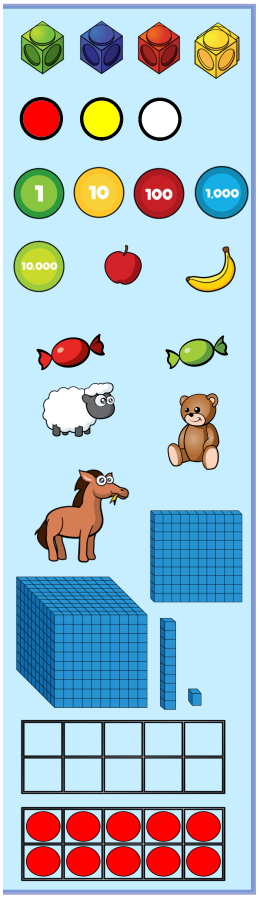
I do

Divide the number 100 using the resources.

Explain what happened.



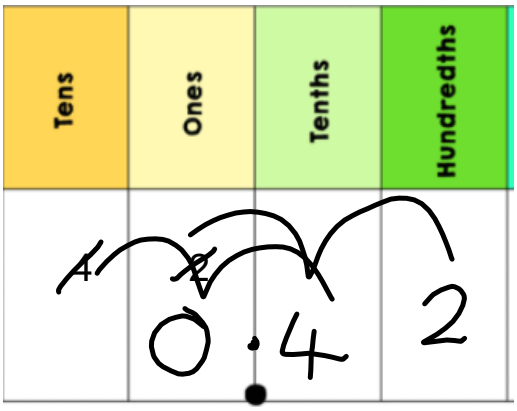
Make a Number



We do

Divide the number 100 using the resources.

Explain what happened.



You do

Dexter uses counters to make a 1-digit number.

Tens	Ones	Tenths	Hundredths
			

To divide the number by 100, we move the counters two columns to the right.
What is the value of the counters now?

Use this method to solve:

4 ÷ 100 = ☐ 5 ÷ 100 = ☐ ☐ = 6 ÷ 100

Why is 0 important when dividing a one or two-digit number by 100?

Here is a two-digit number on a place value chart.

Tens	Ones	Tenths	Hundredths
7	2		

When dividing by 100, we move the digits 2 places to the _____.

72 ÷ 100 = ☐

Use this method to solve:

82 ÷ 100 = ☐ ☐ = 93 ÷ 100 0.23 = ☐ ÷ 100

You do

What happens to the value of each digit when you divide by 10 and 100?

Describe the pattern.

7,000 ÷ 100 = 70
700 ÷ 100 = 7
70 ÷ 100 = 0.7
7 ÷ 100 = 0.07

Can you complete the pattern starting with 5,300 divided by 100?

5300 ÷ 100 = 53
530 ÷ 100 = 5.3
53 ÷ 100 = 0.53
5 ÷ 100 = 0.05

