27.04.21

LO: To divide by 10

Starter - round these numbers to the nearest 10

46 = 50 → 0

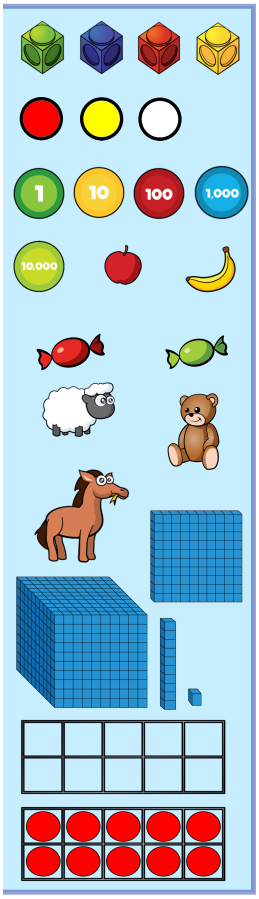
24 = 20 → 0

342 = 340 → 300

565 = 570 → 600

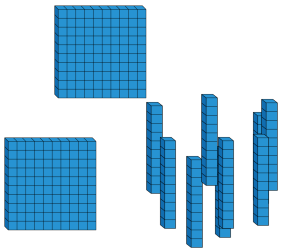
281 = 280 → 300

Make a Number



I do

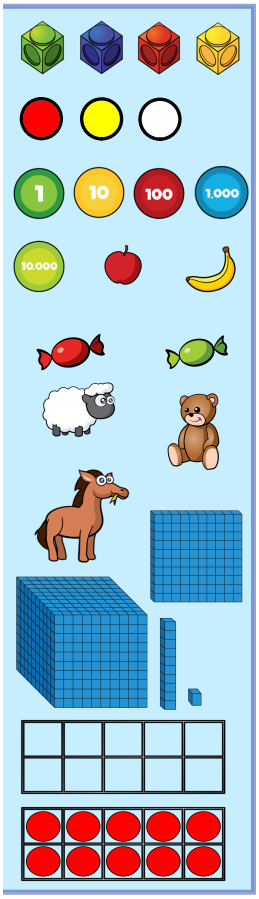
How many tenths make 1 whole?



$1 \div 10 = 0.1$

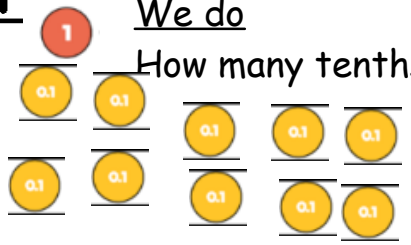
Tens	Ones	Tenths	Hundredths
	○ .		

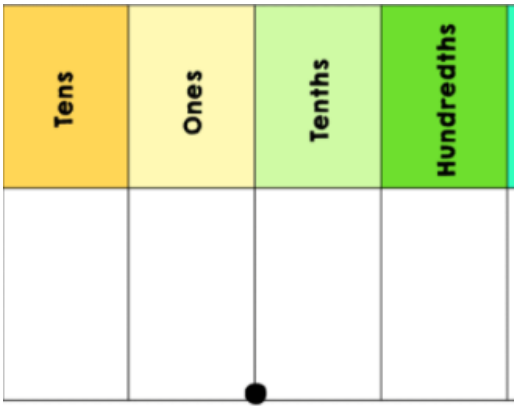
Make a Number

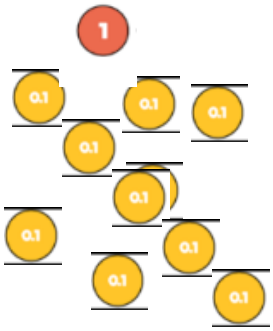


We do

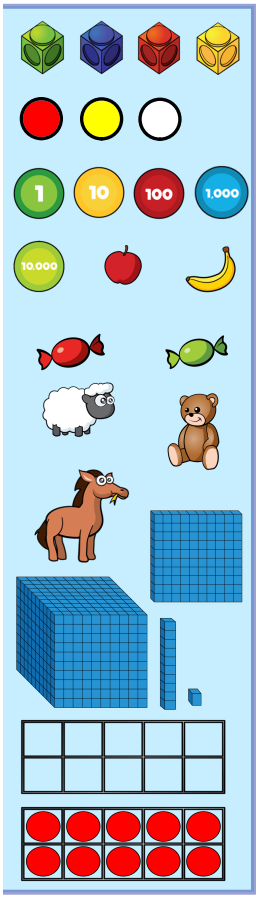
How many tenths make two wholes?

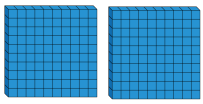






Make a Number



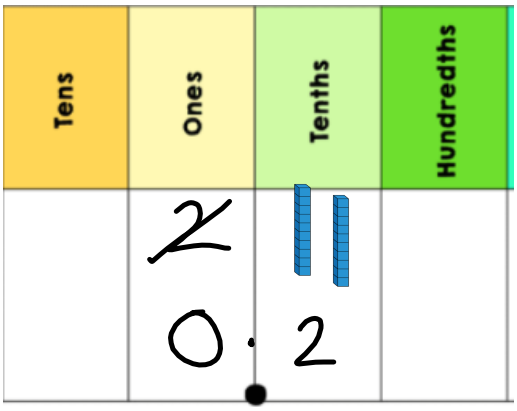


I do

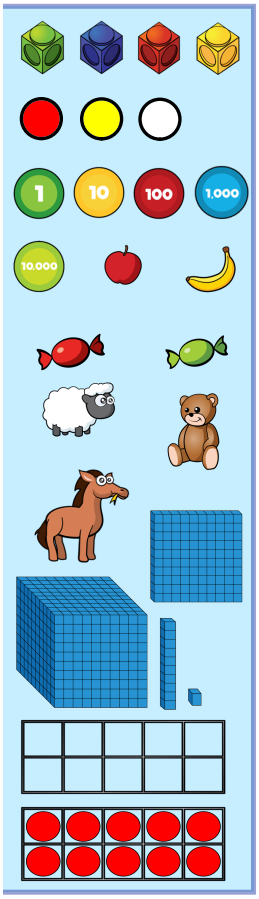
What is this number?

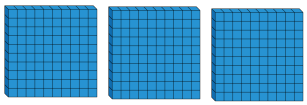
Divide the number by 10 using the resources.

Explain what happened.



Make a Number



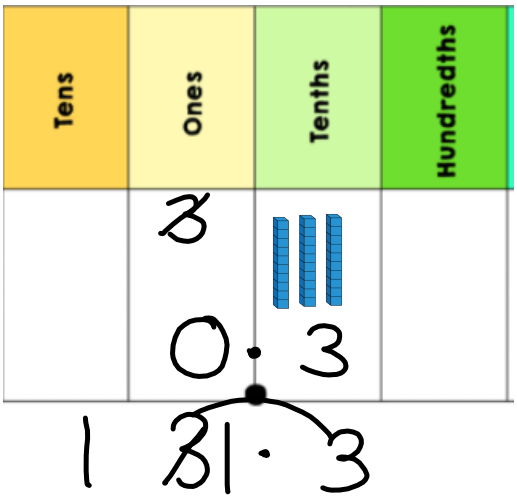


You do

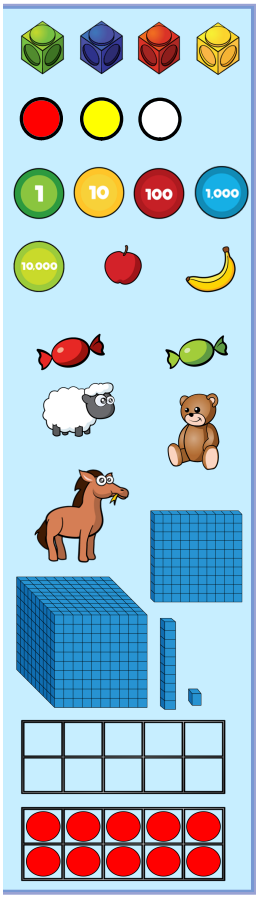
What is this number?

Divide the number by 10 using the resources.

Explain what happened.



Make a Number



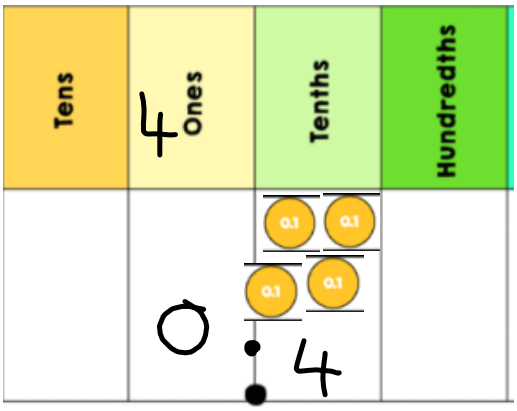
I do

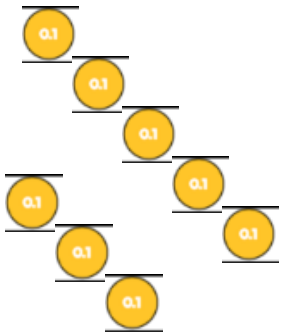
What is this number?

ivide the number by 10 using the esources.

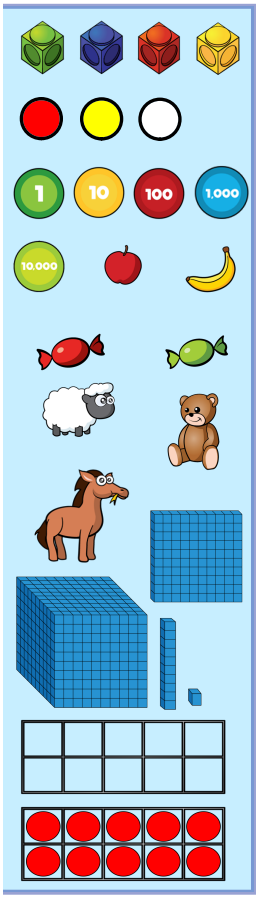
Explain what happened.







Make a Number

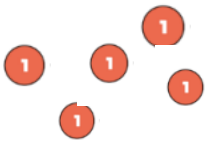


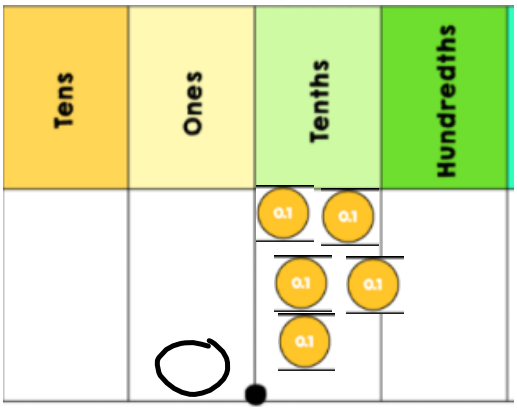
We do

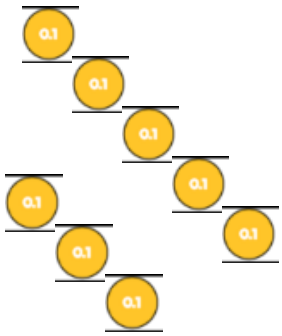
What is this number?

Divide the number by 10 using the resources.

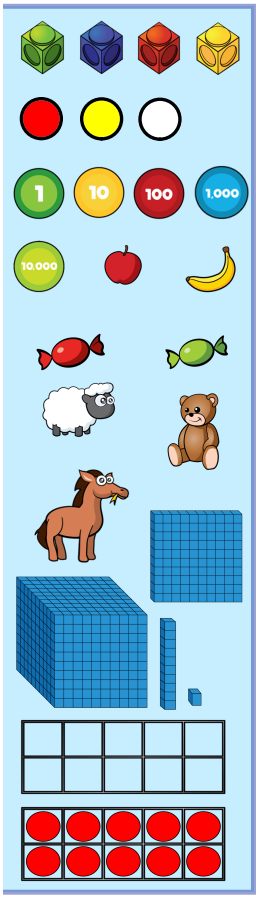
Explain what happened.







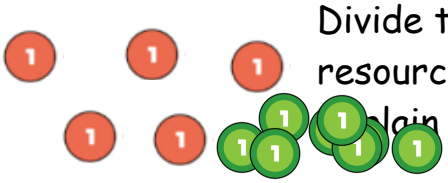
Make a Number

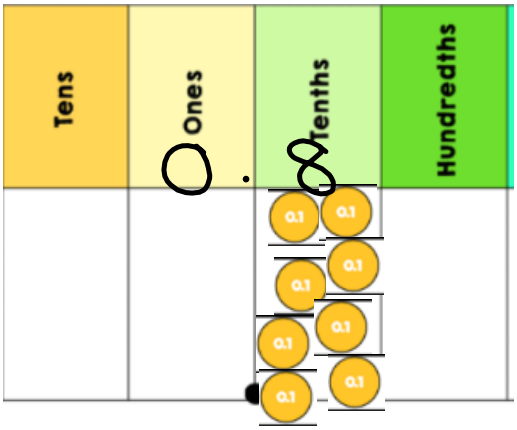


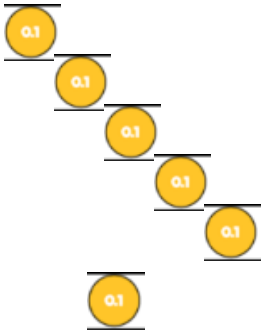
I do

Divide the number 8 by 10 using the resources.

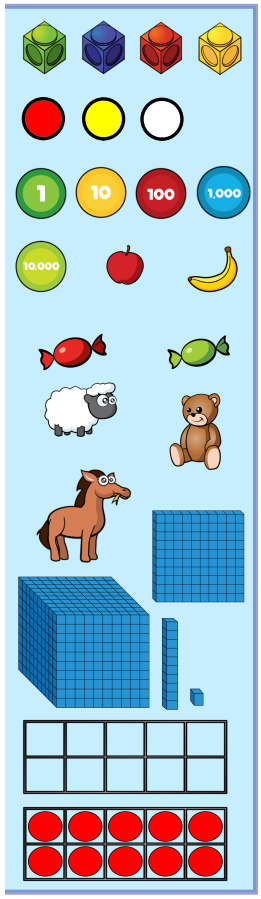
Explain what happened.

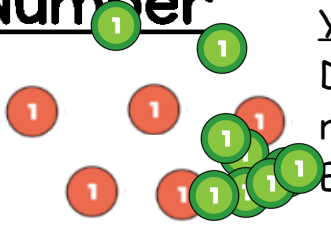






Make a Number

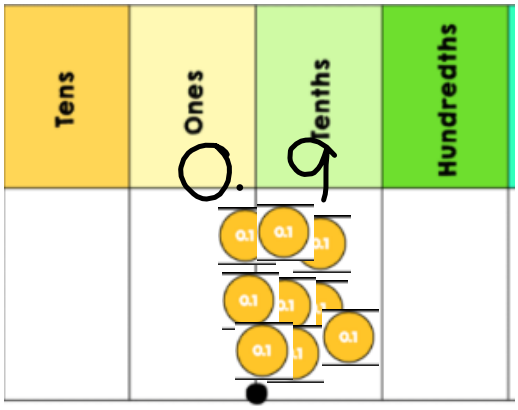


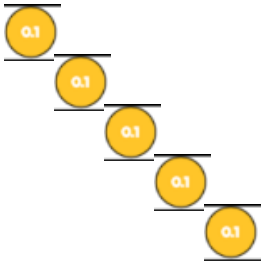


You do

Divide the number 9 by 10 using the resources.

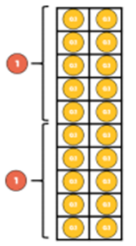
Explain what happened.





You do

Eva uses counters to make a 1-digit number.



Tens	Ones	Tenths	Hundredths

To divide the number by 10, we move the counters one column to the right.
What is the value of the counters now? 0.2

Use this method to solve:

3 ÷ 10 = 0.3 7 ÷ 10 = 0.7 0.4 = 4 ÷ 10

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

Ones	Tenths
5	

When dividing by 10, we move the digits one place to the right.

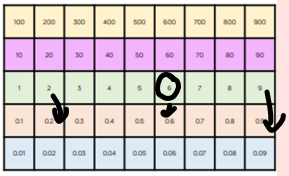
5 ÷ 10 = 0.5

Use this method to solve:

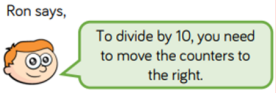
8 ÷ 10 = 0.8 0.9 = 9 ÷ 10 0.2 = 2 ÷ 10

You do

Choose a digit card from 1 – 9 and place a counter over the top of that number on the Gattegno chart.



Ron says,



Do you agree? Use the Gattegno chart to explain your reason.

Complete the number sentences.

0.4
$4 \div 10 = 8 \div \boxed{2} \div 10$

5
$15 \div 3 \div 10 = \boxed{5} \div 10$

0.5
$64 \div \boxed{8} \div 10 = 32 \div 4 \div 10$

0.8 8 0.8

Ron is incorrect because on the Gattegno you move 1 place down.

What is the same and what is different when dividing by 10 on a Gattegno chart compared to a place value chart?