28.04.21

LO: To divide by 10

Starter - round these numbers to the nearest 100

346 = 300

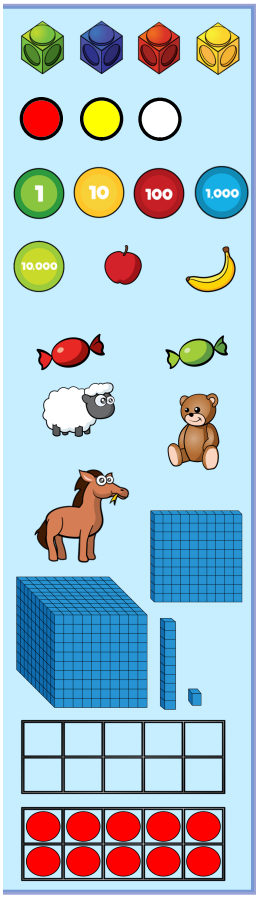
424 = 400

652 = 700

565 = 600

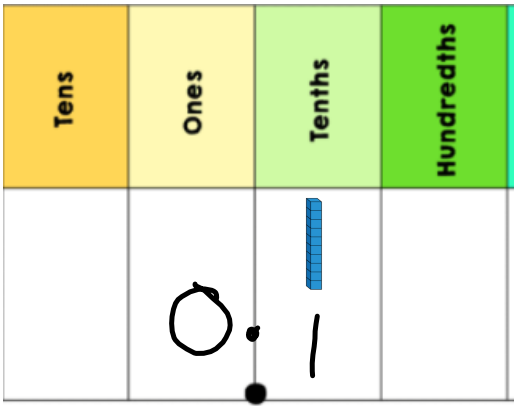
891 = 900

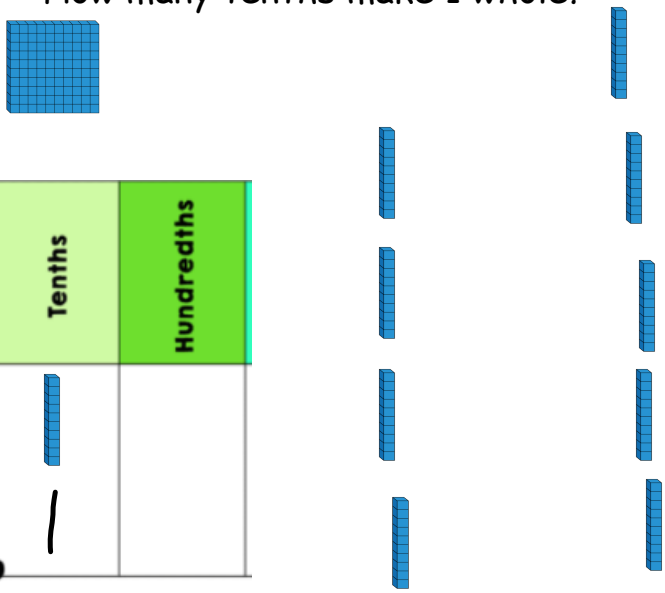
Make a Number



I do

How many tenths make 1 whole?

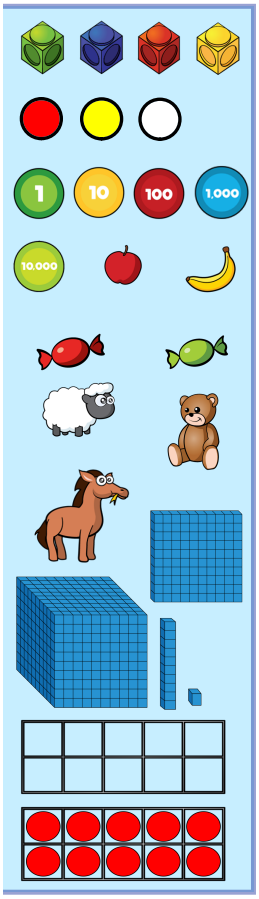


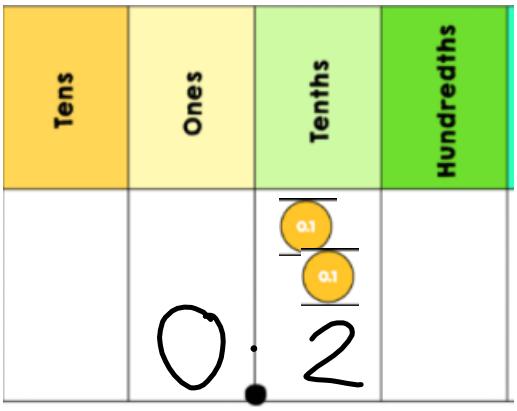


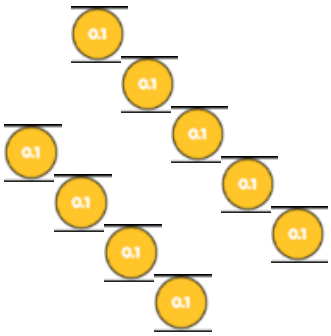
Make a Number

We do

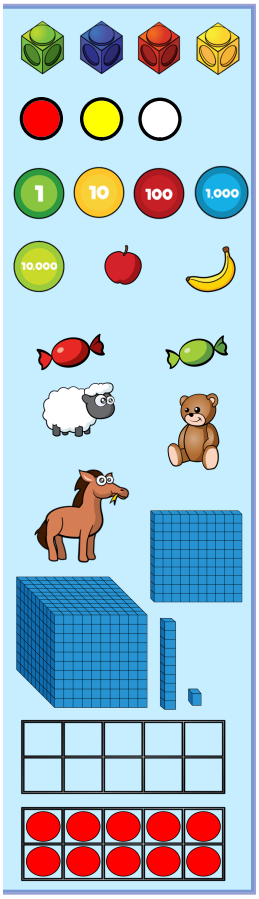
How many tenths make two wholes?







Make a Number

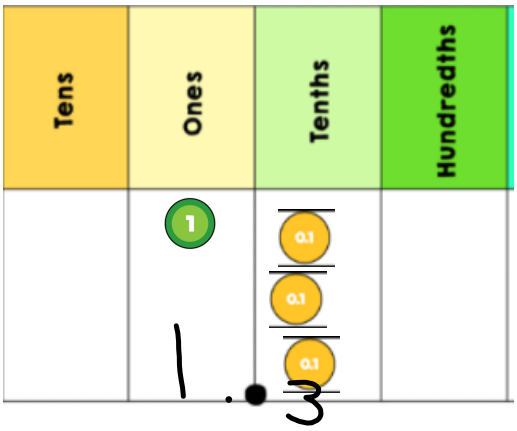


I do

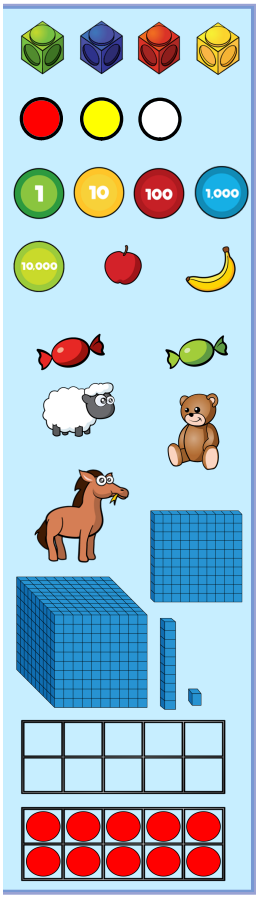
What is this number?

Divide the number by 10 using the resources.

Explain what happened.



Make a Number

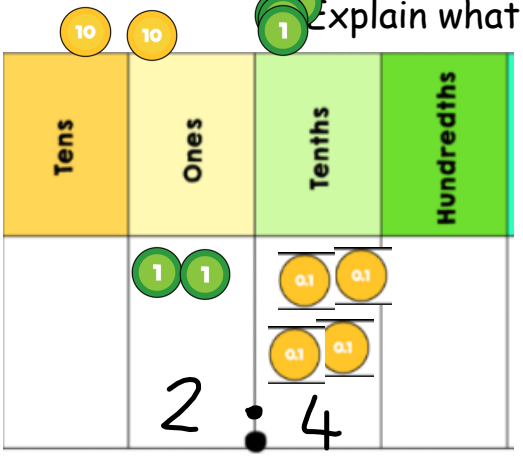


We do

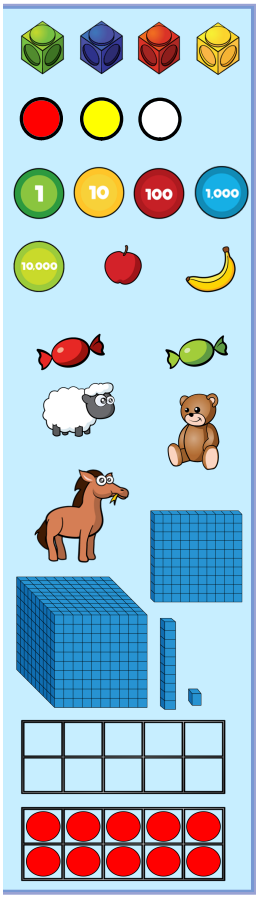
What is this number?

Divide the number by 10 using the resources.

Explain what happened.



Make a Number



I do

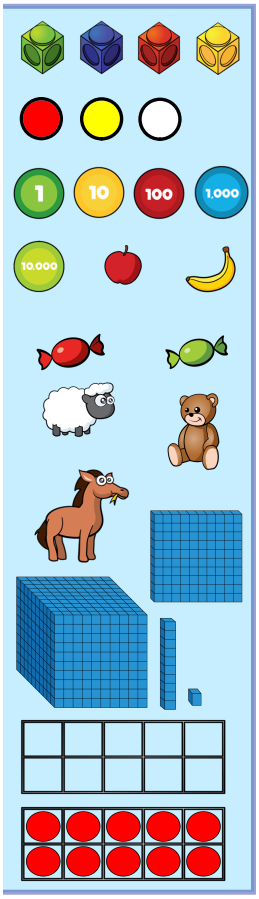
What is this number?

Divide the number by 10 using the resources.

Explain what happened.

Tens	Ones	Tenths	Hundredths
~~3~~	~~5~~ 3 .	5	

Make a Number



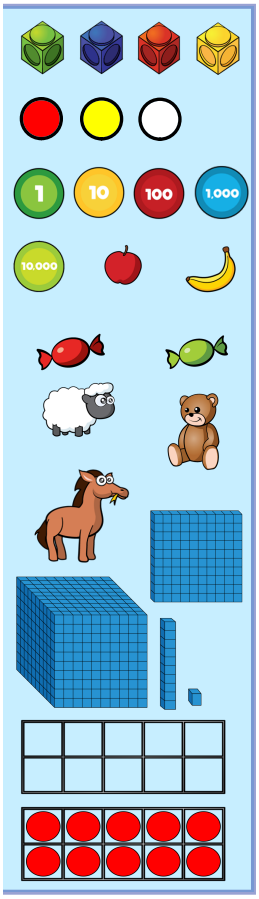
We do

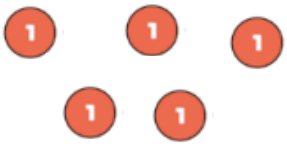
Divide the number 10 using the resources.

Explain what happened.

Tens	Ones	Tenths	Hundredths
~~4~~	~~8~~ 4 .	8	

Make a Number



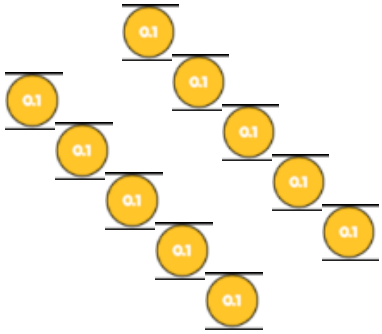


We do

Divide the number 10 using the resources.

Explain what happened.

Tens	Ones	Tenths	Hundredths
~~5~~	~~6~~ 5 . 6		



You do

Teddy uses counters to make a 2-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? 1.2

Use this method to solve:

42 ÷ 10 = 4.2 35 ÷ 10 = 3.5 26 ÷ 10 = 2.6

Do I need to use 0 as a place holder when dividing a 2-digit number by 10?

Here is a 2-digit number on a place value chart.

Tens	Ones	Tenths	Hundredths
	● ● ● ● ●	●	

When dividing by 10, we move the digits 1 place to the right

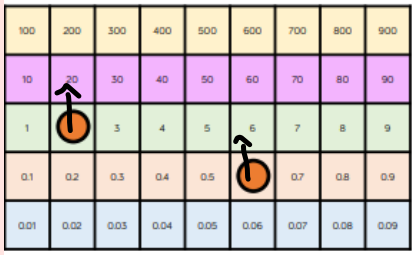
82 ÷ 10 = 8.2

Use this method to solve:

55 ÷ 10 = 5.5 90 ÷ 10 = 9 3.2 = 32 ÷ 10

You do

Jack has used a Gattegno chart to divide a 2-digit number by 10
He has placed counters over the numbers in his answer.



What was Jack's original number?
How can you use the chart to help you?

Dexter says,



When I divide a 2-digit number by 10, my answer will always have digits in the ones and tenths columns.

Show that Dexter is incorrect.

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