Monday - Arithmetic

LO: To divide by 100

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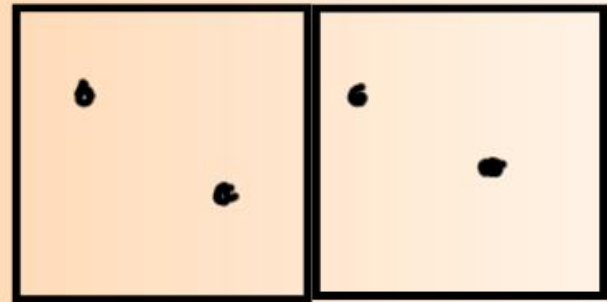
LO: To divide by 100

Today we are looking at dividing by 100.

What does divide mean?

LO: To divide by 100

Dividing is the process of splitting a number into equal parts.

Example- 4 ÷ 2=

LO: To divide by 100

Today, we will be dividing numbers by 100 using a HTO grid.

Th Thousands	H Hundreds	T Tens	O Units	• Tths Tenths	Hths Hundredths

LO: To divide by 100

When dividing, what direction do we move the digits? Right or left?

Th Thousands	H Hundreds	T Tens	U Units	• Tths Tenths	Hths Hundredths
	4	2	2		

LO: To divide by 100

When dividing, the digits move to the right, as the number is getting smaller.

Th Thousands	H Hundreds	T Tens	U Units	• Tths Tenths	Hths Hundredths
	4	2	2		

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If we are dividing by 100, how many jumps does each digit have to make?

Th Thousands	H Hundreds	T Tens	U Units	• Tths Tenths	Hths Hundredths
	4	2	2		

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Each digit makes two jump to the right. (Always remember your decimal point before the unit column!)

Th	H	T	U	• Tths	Hths
Thousands	Hundreds	Tens	Units	Tenths	Hundredths
	4	2.	2		
		4	. 2	2	

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Work out what 345 divided by 100 would be.

Th Thousands	H Hundreds	T Tens	U Units	• Tths Tenths	Hths Hundredths
	3	4	5		

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Work out what 231 divided by 100 would be.

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Work out what 45 divided by 100 would be.

Th	H	T	U	• Tths	Hths
Thousands	Hundreds	Tens	Units	Tenths	Hundredths
		4	5		

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Remember to write HTO place value grids to show your workings and help you.

Step 1	Step 2	Step 3
2340 ÷ 100 =	8762 ÷ 100 =	243 ÷ 100 =
6260 ÷ 100 =	1279 ÷ 100 =	983 ÷ 100 =
7830 ÷ 100 =	1762 ÷ 100 =	105 ÷ 100 =
5240 ÷ 100 =	3456 ÷ 100 =	48 ÷ 100 =
1230 ÷ 100 =	3458 ÷ 100 =	72 ÷ 100 =

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How did you do?

Step 1	Step 2	Step 3
2340 ÷ 100 =	8762 ÷ 100 =	243 ÷ 100 =
6260 ÷ 100 =	1279 ÷ 100 =	983 ÷ 100 =
7830 ÷ 100 =	1762 ÷ 100 =	105 ÷ 100 =
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