

Year 4 Maths, 2/3/21

RECALL

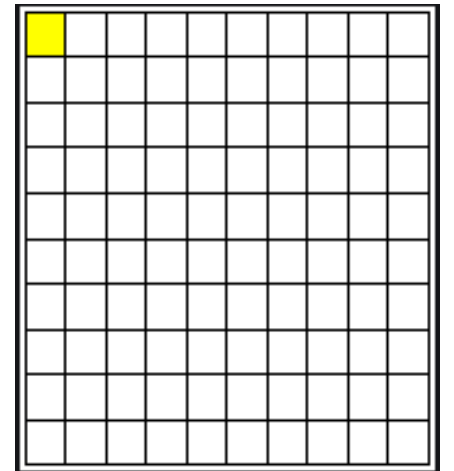
Yesterday we were learning about **hundredths**.

One hundredth is one whole split into _____ equal parts.

One hundredth of a pound is a _____.

One hundredth of a metre is a _____.

Fifty hundredths is the same as a _____.



RECALL answers

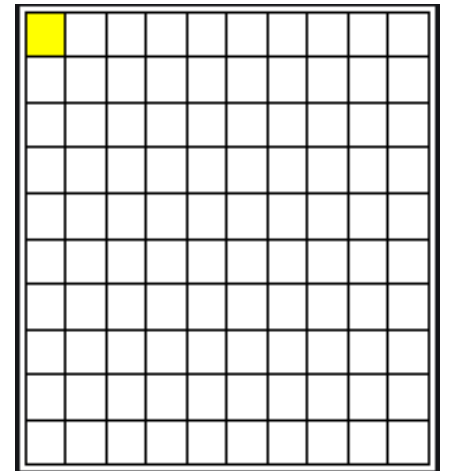
Yesterday we were learning about **hundredths**.

One hundredth is one whole split into **100** equal parts.

One hundredth of a pound is a **penny / 1p**.

One hundredth of a metre is a **centimetre**.

Fifty hundredths is the same as a **half**.



LO: I can write hundredths as decimal numbers

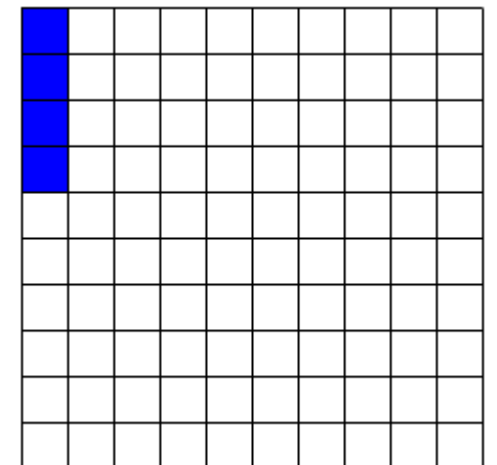
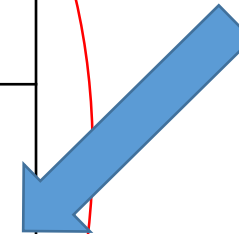
- SOME WILL EVEN explain an answer by referring to tenths and hundredths
- SOME will represent decimal numbers in different ways
- MOST will match decimal numbers and fractions
- ALL will write numbers with two decimal places

Guided practice

Let's look at the place value table again.

hundreds	tens	ones	tenths	hundredths
		0	0	4

This is the hundredths column. Each hundredth is ten times smaller than a tenth.



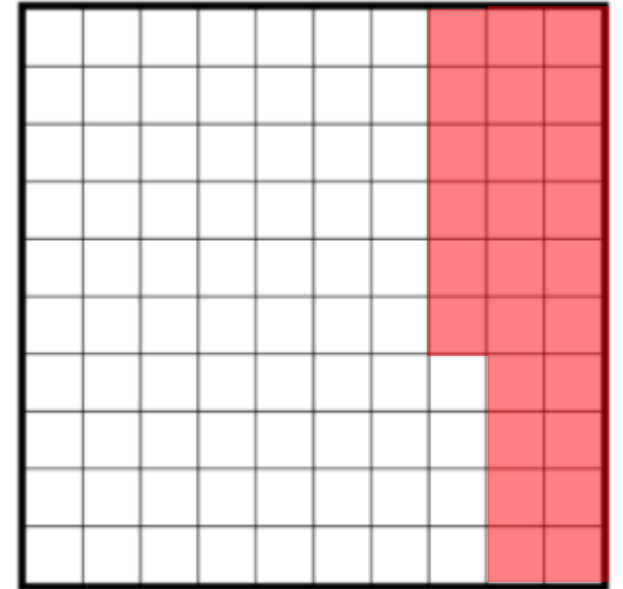
This number has a 4 in the hundredths column. The number is four hundredths. There are zeroes in the ones and tenths columns to show that they are empty, and the decimal point separates the ones from the tenths.

Guided practice

hundreds	tens	ones	tenths	hundredths
		0	• 2	6

This is how we would write twenty six hundredths.

Twenty six hundredths is the same as two tenths and six hundredths.



How would you write:

Nine hundredths?

12 hundredths?

57 hundredths?

80 hundredths?

Guided practice **answers**

How would you write:

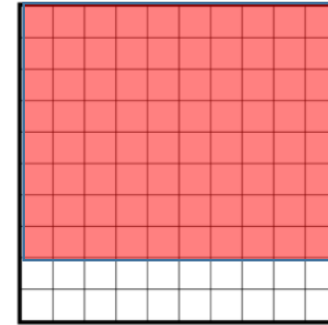
Nine hundredths? **0.09**

12 hundredths? **0.12**

57 hundredths? **0.57**

80 hundredths? **0.80 or 0.8**

How can these be the same? Let's have a look using a place value table.



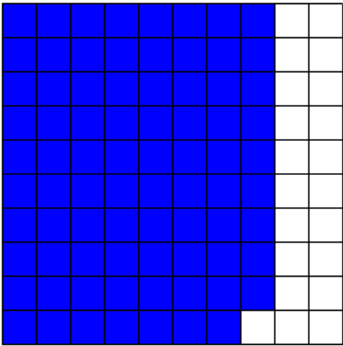
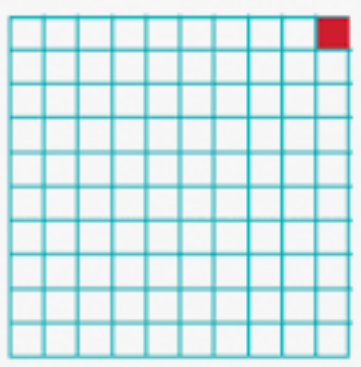
80 hundredths

tens	ones	tenths	hundredths
	0	8	0

80 hundredths is equivalent to 8 tenths. We could put a zero in the hundredths column... or we could just leave it blank.

Intelligent practice

One chilli: write these as decimal numbers.



$$\frac{89}{100}$$

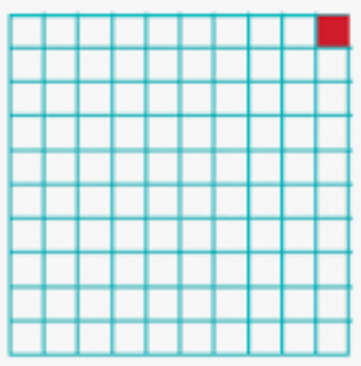
Two chillies

Complete the table.

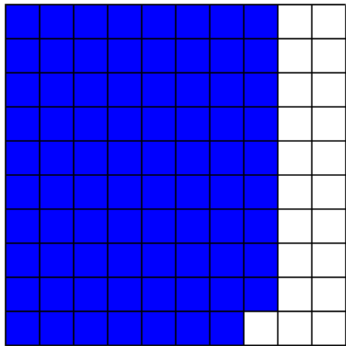
Image	Words	Fraction	Decimals
	56 hundredths		
		$\frac{17}{100}$	
			0.2

Intelligent practice **answers**

One chilli: write these as decimal numbers.



0.01



0.79

$$\frac{89}{100}$$

0.89

Two chillies

Complete the table.

Image	Words	Fraction	Decimals
	56 hundredths	$\frac{56}{100}$	0.56
	17 hundredths	$\frac{17}{100}$	0.17
	20 hundredths OR 2 tenths	$\frac{20}{100}$ $\frac{2}{10}$	0.2
	7 hundredths	$\frac{7}{100}$	0.07

Intelligent practice

Three chillies

Write the number as a fraction and as a decimal.



How else could you represent this number?

What about this number?



Intelligent practice

Three chillies **answers**

Write the number as a fraction and as a decimal.



How else could you represent this number?

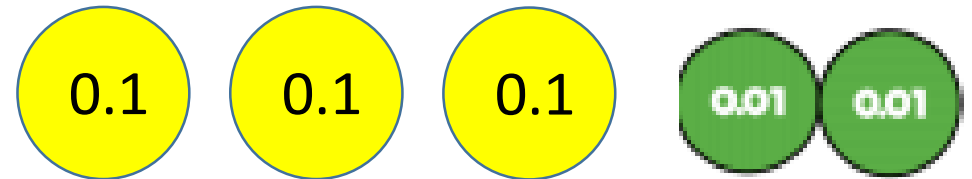
0.04

$$\frac{4}{100}$$

Four
hundredths

$$\frac{32}{100}$$

What about this number?



Thirty two hundredths

Three tenths and two
hundredths

Dive Deeper

Dora says,

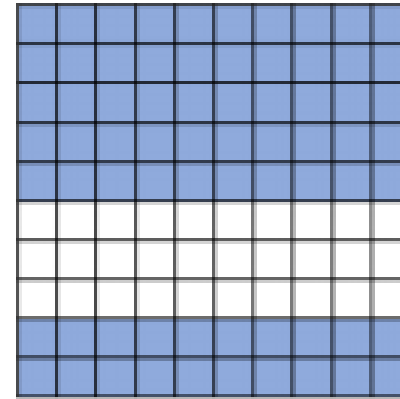


17 hundredths is the same as 1,700

Is she correct?

Explain your answer.

Alex and Eva have been asked to write the decimal shaded on the 100 grid.



Alex says the grid shows 0.70

Eva says the grid shows 0.7

Who do you agree with?

Explain your answer.

Dive Deeper **answers**

Dora says,



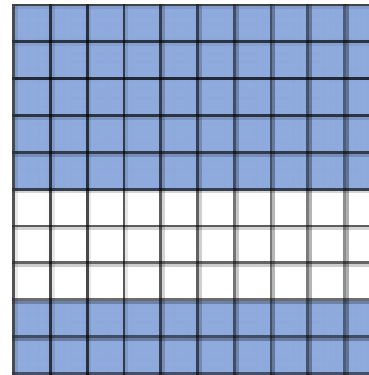
17 hundredths is the same as 1,700

Is she correct?

Explain your answer.

Dora is wrong as she has mistaken hundredths for hundreds.

Alex and Eva have been asked to write the decimal shaded on the 100 grid.



Alex says the grid shows 0.70

Eva says the grid shows 0.7

Who do you agree with?

Explain your answer.

They are both correct.

The grid shows 70 hundredths or 7 tenths and this is what Alex and Eva have given as their answers.

In Alex's answer the 0 in the hundredths column isn't needed as it is not a place holder and doesn't change the value of the number.

LO: I can write hundredths as decimal numbers

- SOME WILL EVEN explain an answer by referring to tenths and hundredths
- SOME will represent decimal numbers in different ways
- MOST will match decimal numbers and fractions
- ALL will write numbers with two decimal places

Did you explain your answers for the Dive Deeper questions?

Did you show the numbers in more than one way for the three chilli question?

Did you get the two chilli questions right?

Can you write hundredths as decimals?