12.01.21　　Fluent in five

1) 73.24 - 19.97 =
2) 350 - 70 =
3) 10% of 180 =
4) 468 x 16 =
5) 3 x 9 x 5 =
6) 59 + 39 =

1) 10% of 180 =
2) 2139 + 3241 =
3) 6439 - 1302 =
4) 380 x 4 =
5) 77 ÷ 11 =
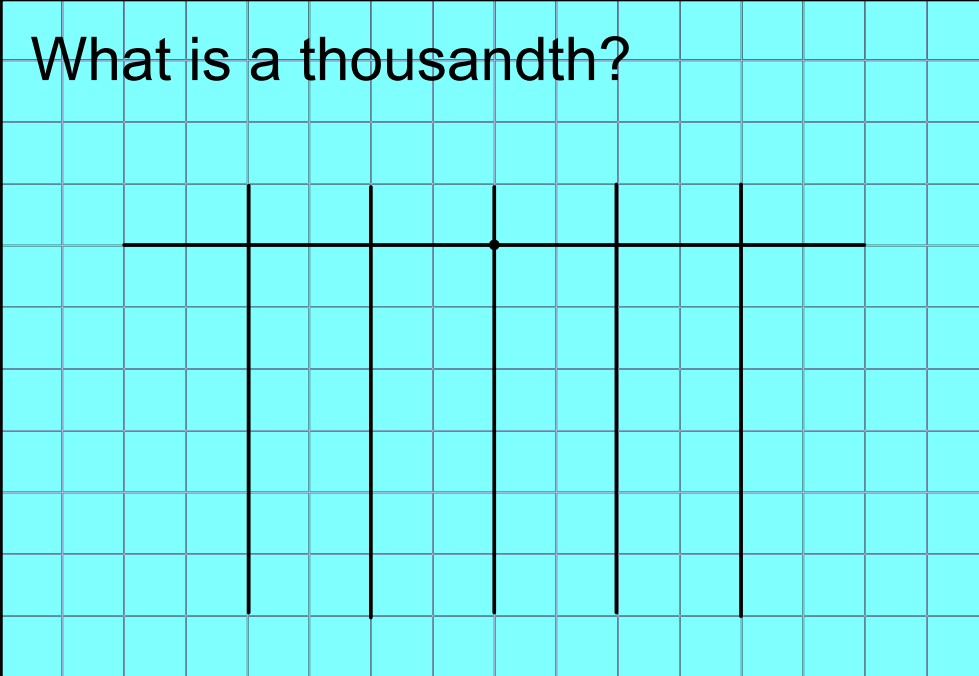
WALT understand thousandths

https://vimeo.com/485550430

What is a thousandth?

Let's fill in this place value grid together.

What is worth more?
0.01 or 0.001?

What is the number that has -
5 ones, 3 tenths, 1 hundredth and 7 thousandths?

3 tens, 8 ones, 9 tenths, 1 hundredth and 5 thousandths?

What happens if we add one more tenth to these numbers?

How many hundredths are there is a tenth?

How many thousandths are there in a hundredth?

Therefore, how many thousandths are there in a tenth?
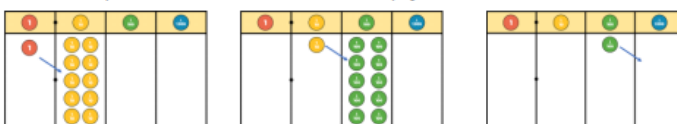

Varied Fluency   (R)

Eva is using Base 10 to represent decimals.
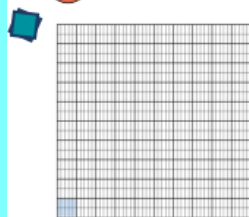
= 1 whole   = 1 tenth   = 1 hundredth   • = 1 thousandth

Use Base 10 to build:
- 4 wholes, 4 tenths, 4 hundredths, 4 thousandths
- 5 tenths, 7 hundredths and 5 thousandths
- 2.357

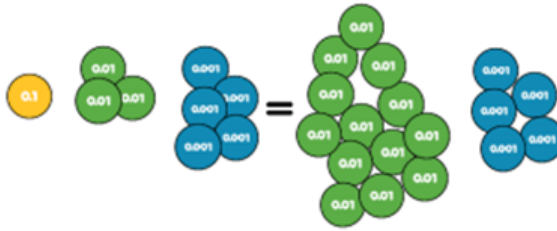Use the place value counters to help you fill in the final chart.

(1) = ___ tenths   ($\frac{1}{10}$) = ___hundredths   ($\frac{1}{100}$) = ___ thousandths

What has this hundred square been divided up into?
How many thousandths are there in one hundredth?
How many thousandths are in one tenth?

11

Rosie thinks the 2 values are equal.

Do you agree?
Explain your thinking.

Can you write this amount as a decimal and as a fraction?

0.394

= 3 tenths, 9 hundredths and 4 thousandths

$= \dfrac{3}{10} + \dfrac{9}{100} + \dfrac{4}{1000}$

$= 0.3 + 0.09 + 0.004$

Write these numbers in three different ways:

0.472   0.529   0.307

How many ways?

You have a pile of 0.1 coins and a pile of 0.01 coins.

Make 0.32

0.1

0.01

Level 1: I can find a way
Level 2: I can find different ways
Level 3: I know how many ways there are