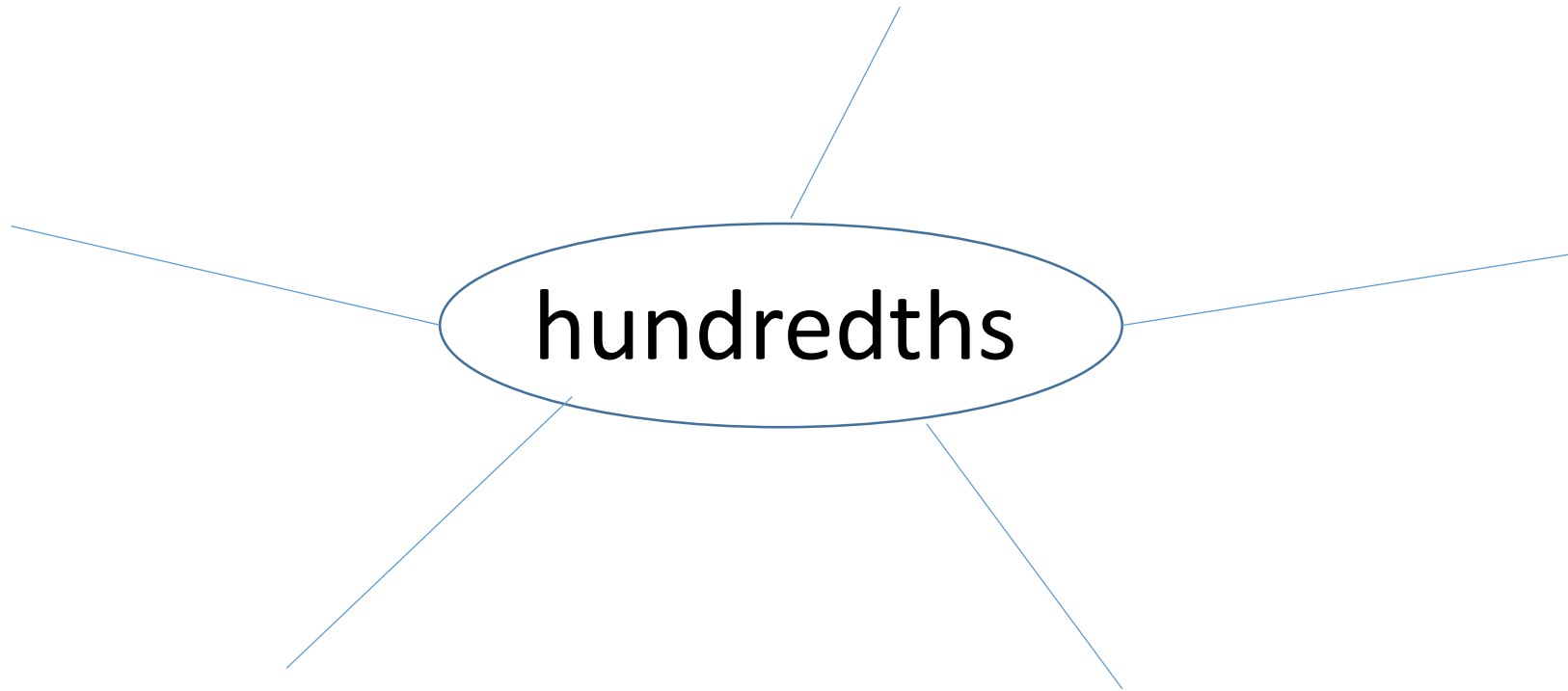


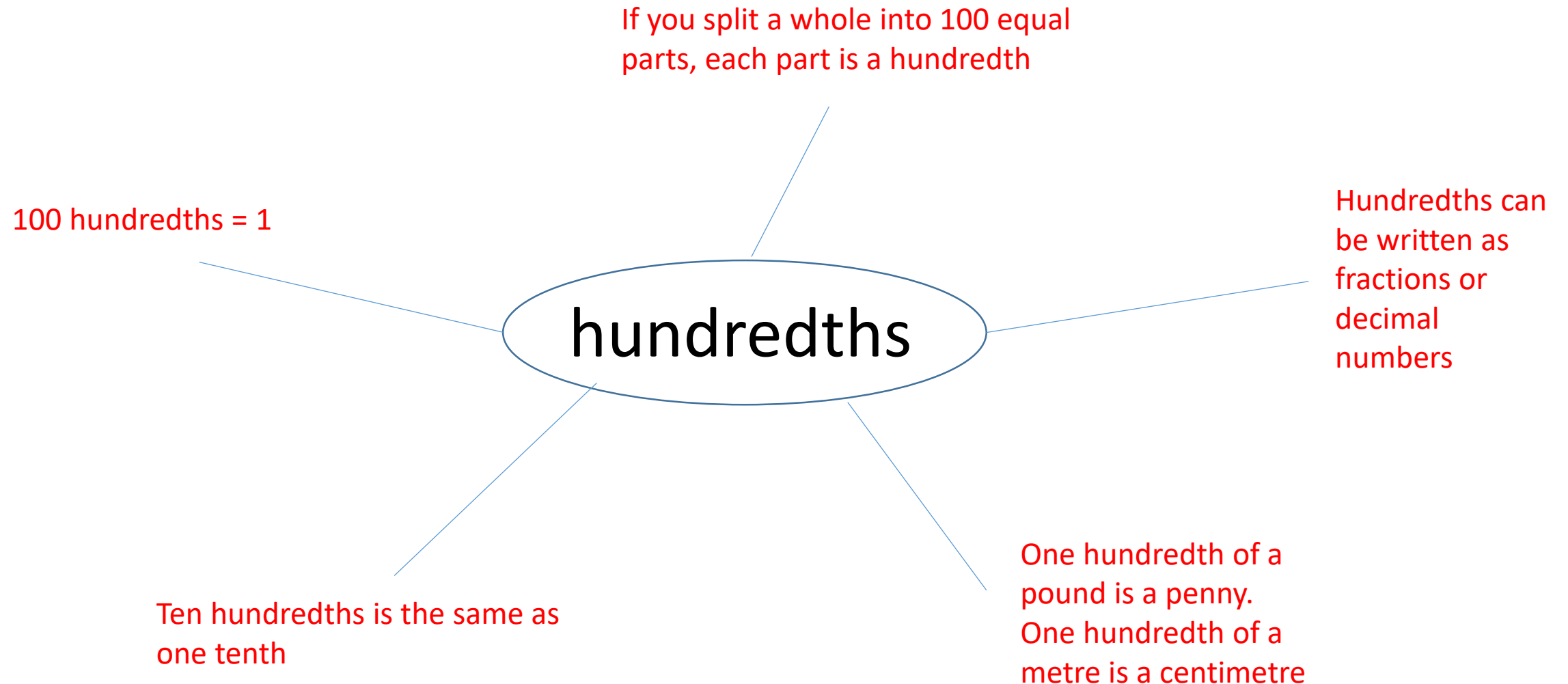
Year 4 Maths, 3/3/21

Recall

- What do you know about...




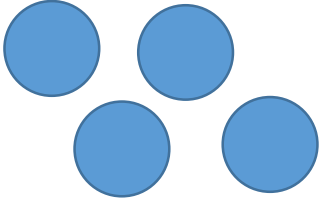
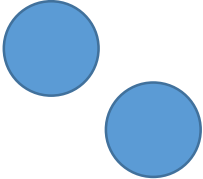
Recall **example answers**



LO: I can show hundredths on a place value grid

- SOME WILL EVEN find multiple answers to questions
- SOME will use part / whole models to decompose decimal numbers
- MOST will represent decimal numbers on a place value grid
- ALL will use stem sentences to describe decimal numbers

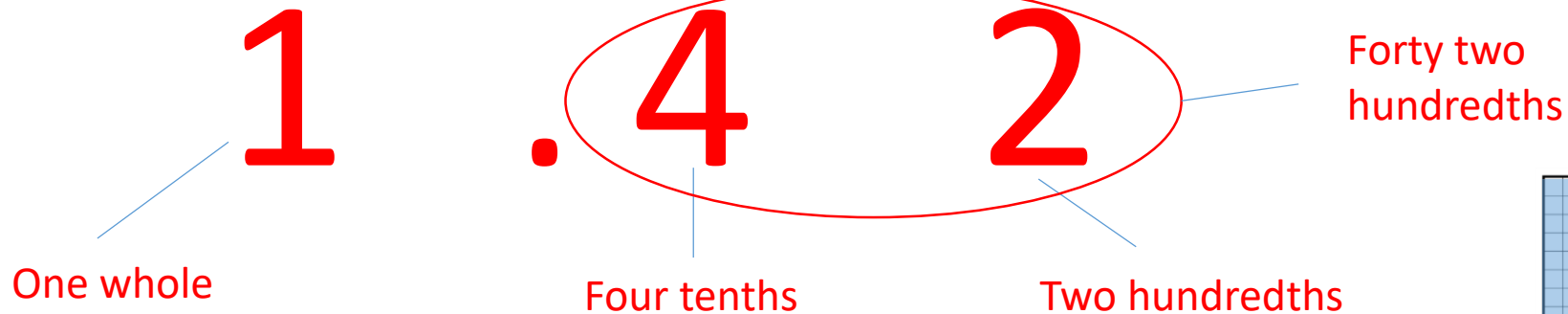
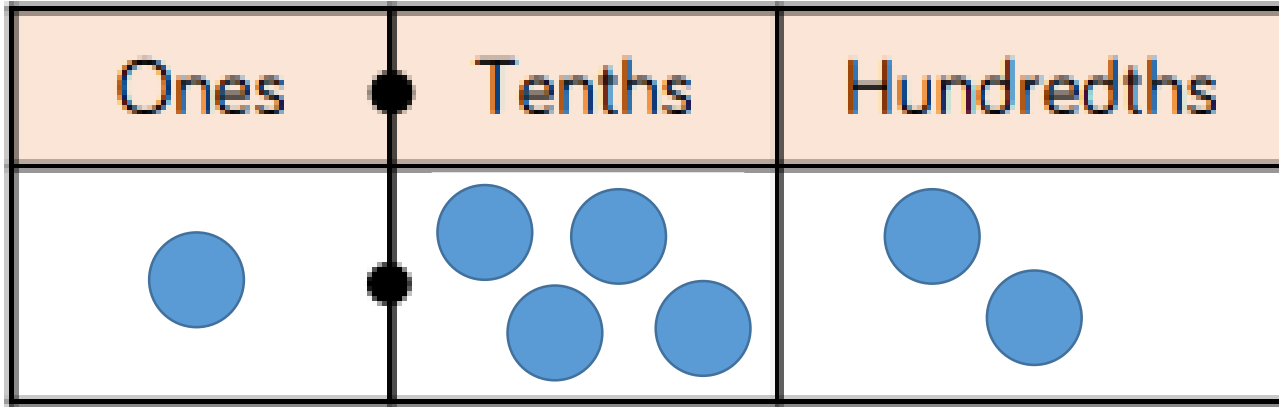
Guided practice

Ones	Tenths	Hundredths
		

Here is a place value table.
What is the value of each counter / column?
What number is shown?

Can you write the number as a mixed number?

Guided practice answers



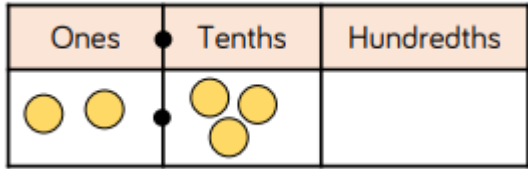
Can you write the number as a mixed number?

$$1 \frac{42}{100}$$

Intelligent practice

One chilli

Write the decimal represented in each place value grid.

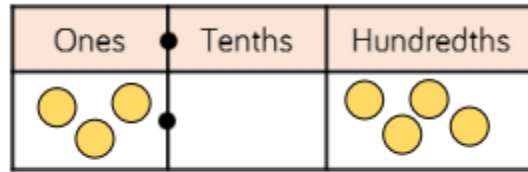


There are ___ ones.

There are ___ tenths.

There are ___ hundredths.

The decimal represented is ___



There are ___ ones.

There are ___ tenths.

There are ___ hundredths.

The decimal represented is ___

Two chillies

Make the decimals on a place value grid.

0.34

2.15

0.03

1.01

Use the sentence stems to describe each number.

There are ___ ones.

There are ___ tenths.

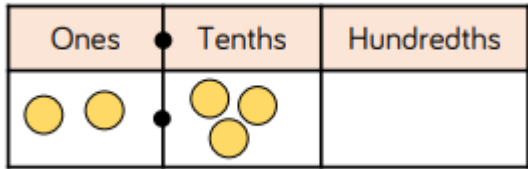
There are ___ hundredths.

The decimal represented is ___

Intelligent practice answers

One chilli

Write the decimal represented in each place value grid.



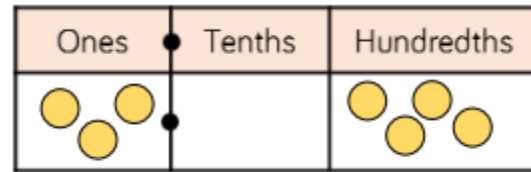
There are 2 ones.

There are 3 tenths.

There are 0 hundredths.

The decimal represented is 2.30

Or 2.3



There are 3 ones.

There are 0 tenths.

There are 4 hundredths.

The decimal represented is 3.04

Two chillies

Make the decimals on a place value grid.

0.34

2.15

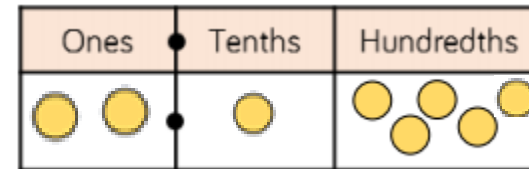
0.03

1.01

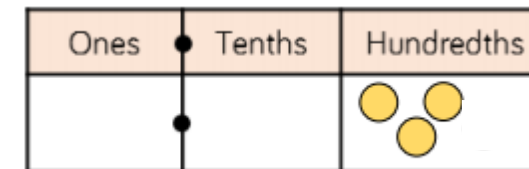
Use the sentence stems to describe each number.



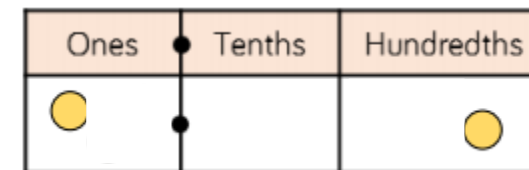
There are 0 ones.
There are 3 tenths.
There are 4 hundredths.
The decimal represented is 0.34



There are 2 ones.
There is 1 tenth.
There are 5 hundredths.
The decimal represented is 2.15



There are no ones.
There are no tenths.
There are 3 hundredths.
The decimal represented is 0.03



There is 1 one.
There are no tenths.
There is 1 hundredths
The decimal represented is 1.01

Intelligent practice

Three chillies

Represent the decimals on a place value grid and in a part whole model.

How many ways can you partition each number?

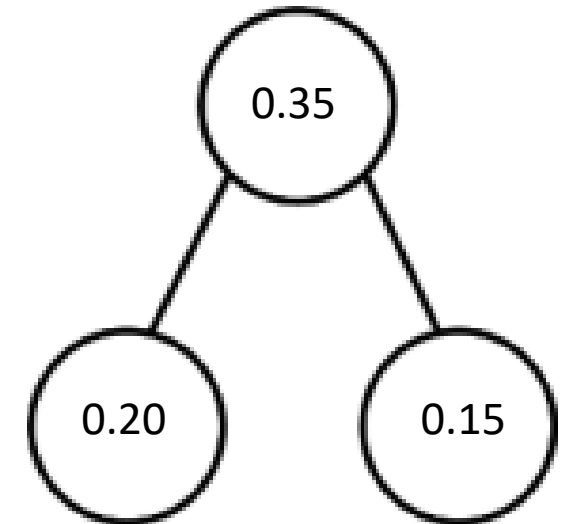
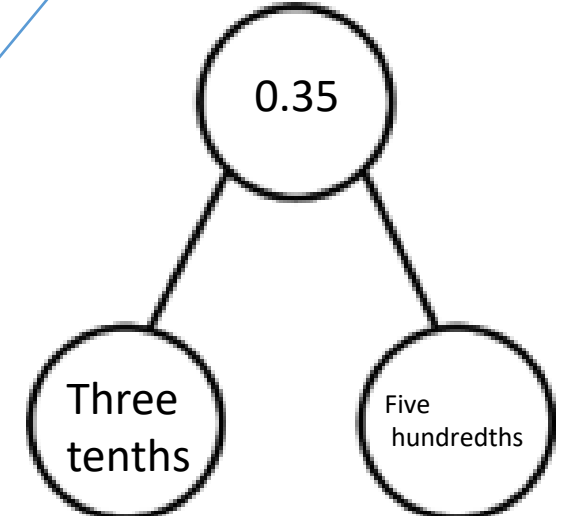
0.27

0.72

0.62

There are lots of different ways of answering these questions. Please upload your answers to your Dojo portfolio for feedback.

Example: 2 ways of partitioning 0.35



DIVE DEEPER

Use four counters and a place value grid.
Place all four counters in either the ones,
tenths or hundredths column.

How many different numbers can you
make?

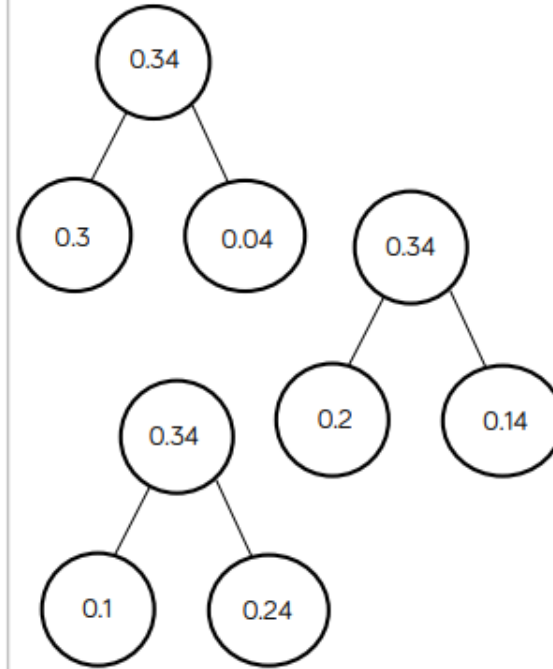
Describe the numbers you have made by
completing the sentences.

There are ones, tenths and
hundredths.

ones + tenths + hundredths =

ones	tenths	hundredths

Ron says he can partition 0.34 in more
than one way.



Use Ron's method to partition 0.45 in
more than one way.

DIVE DEEPER

Use four counters and a place value grid.
Place all four counters in either the ones, tenths or hundredths column.

How many different numbers can you make?

Describe the numbers you have made by completing the sentences.

There are ones, tenths and hundredths.

ones + tenths + hundredths =

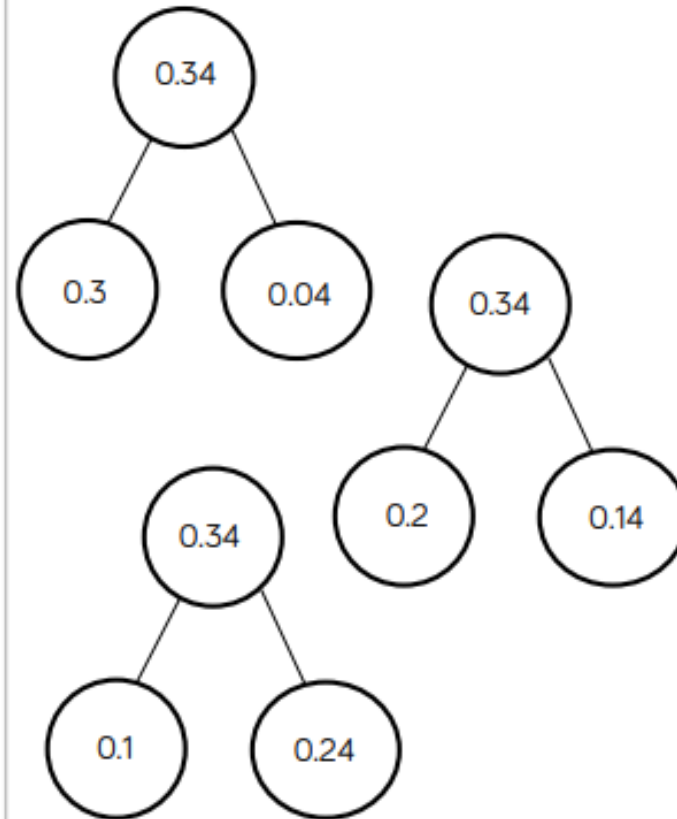
Children can either make:

4, 3.1, 3.01, 2.2,
2.11, 2.02, 1.3, 1.21,
1.12, 1.03, 0.4, 0.31,
0.22, 0.13, 0.04

e.g. There are 2 ones, 0 tenths and 2 hundredths.

2 ones + 0 tenths + 2 hundredths = 2.02

Ron says he can partition 0.34 in more than one way.



Use Ron's method to partition 0.45 in more than one way.

Children may partition 0.45 into:
0 tenths and 45 hundredths
1 tenth and 35 hundredths
2 tenths and 25 hundredths
3 tenths and 15 hundredths
4 tenths and 5 hundredths

Other ways of partitioning are possible.

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Did you find more than one way of splitting decimal numbers? (DD2)

Did you use part / whole models to split decimal numbers into bits?

Did you make the numbers in the two chilli questions?

Did you complete the sentences in the chilli one questions?