

Y4 – Thursday – 100ths as decimals on a place value grid

LO: 100ths as decimals on a place value grid

Watch the video first:

<https://drive.google.com/file/d/1JztURqAs0t9oDpTsvBFdYt-hQbTjegx5/view?usp=sharing>

Write the decimal represented in the place value grid.

There are 3 ones.
There are 2 tenths.
There are 0 hundredths.
The decimal represented is 3.2.

tens	ones	tenths	hundredths
	● ● ●	● ●	

Write the decimal represented in the place value grid.

There are 0 ones.
There are 3 tenths.
There are 6 hundredths.
The decimal represented is 0.36.

tens	ones	tenths	hundredths
		● ●	● ● ● ●

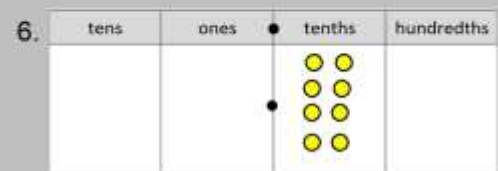
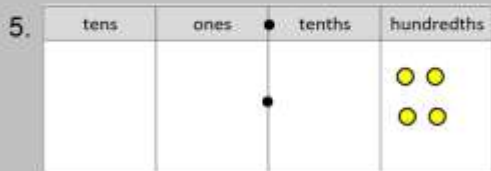
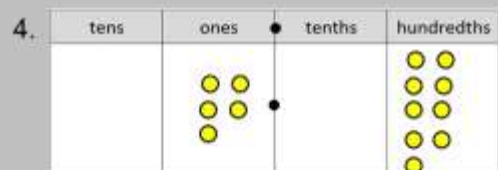
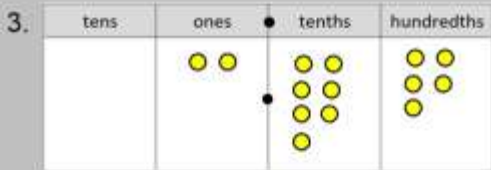
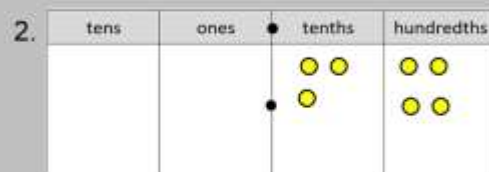
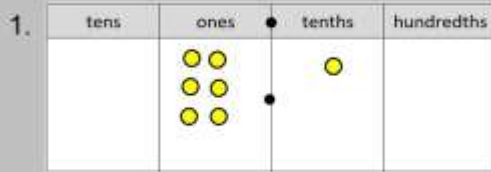
Write the decimal represented in the place value grid.

There are 5 ones.
There are 0 tenths.
There are 2 hundredths.
The decimal represented is 5.02.

tens	ones	tenths	hundredths
	● ● ● ● ●		● ●

Task 1

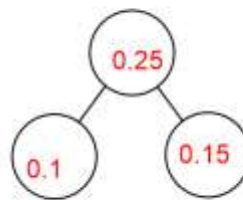
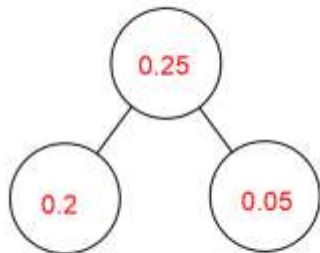
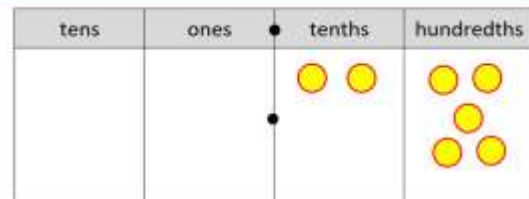
Write the decimal represented in each place value grid



Task 2

Represent **0.25** on a place value grid and in a part whole model.

How many ways can you partition each number?

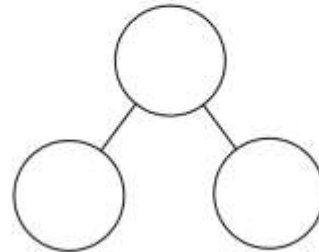


Represent the following decimals on a place value grid and in a part whole model.

0.27 0.42 0.62

tens	ones	tenths	hundredths

Challenge: How many ways can you partition each number?



Task 3

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

There are 15 different numbers you can make!