

- 1) For each question, make sure the place value grid, decimal box and sentence stems all show the same decimal number.



a)

Ones	tenths	hundredths
	● ● ● ● ●	● ● ● ● ●

Decimal

There are _____ ones.
There are _____ tenths.
There are _____ hundredths.
_____ is the decimal shown.

b)

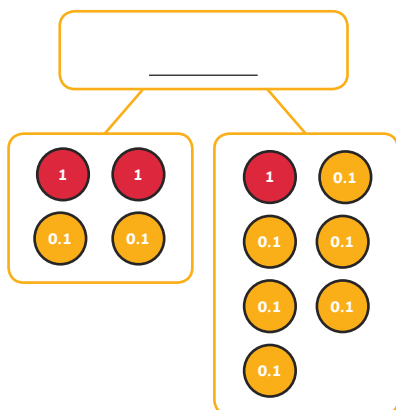
Ones	tenths	hundredths

Decimal
2.01

There are _____ ones.
There are _____ tenths.
There are _____ hundredths.
_____ is the decimal shown.

- c) For this question, use the part-whole model to fill in the place value grid, decimal box and sentence stems.

Ones	tenths	hundredths



Decimal

There are _____ ones.
There are _____ tenths.
There are _____ hundredths.
_____ is the decimal shown.

- 2) Add or remove counters from the place value grid so

Ones	tenths	hundredths
● ●	●	● ● ● ● ●

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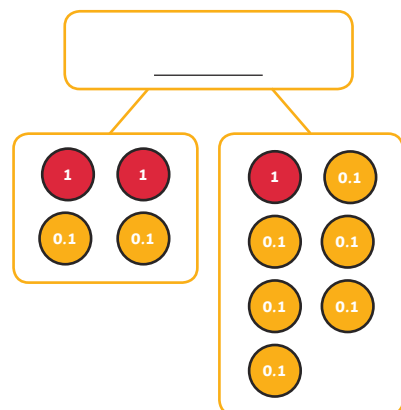
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● ●	●	● ● ● ● ●

- 1) Who is right? Who is wrong? Explain why.



Ones	tenths	hundredths
●	● ● ● ● ●	



1.04 is the number represented.

Zoe

1.4 is the number represented.



Vinnie

- 2) Which one is the odd one out? Explain why.

A

$$\frac{235}{100}$$

B

Two hundred and thirty-five hundredths

C

23.5

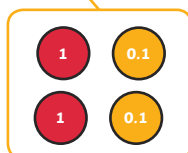
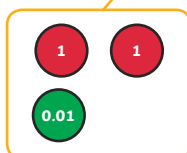
D

Ones	tenths	hundredths
● ●	● ● ● ●	● ● ● ● ● ●

- 3) True or false? The number represented on the place value grid is greater than the number represented in the part-whole model.

Ones	tenths	hundredths
● ● ● ● ●	● ●	●

?



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Ones	tenths	hundredths
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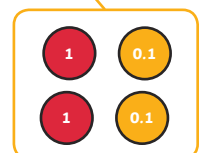
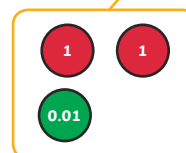
D

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● ●	● ● ● ●	● ● ● ● ● ●

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Ones	tenths	hundredths
● ● ● ● ●	● ●	●

?



- 1) Silas has been using 5 counters on his place value grid to make a number.



Ones	tenths	hundredths
●	● ● ●	● ●

- a) What number has he made?
- b) If Silas moved 1 of his counters around into different columns on the place value grid, what new numbers could he make? Draw and use place value grids to help you find as many possibilities as you can.

- 2) Look at Pippa's place value chart. She was making a decimal number using 10 counters but 2 have fallen off. Where could the two counters have gone? You cannot move the counters already on the place value grid. Find six possibilities.

Ones	tenths	hundredths
● ● ● ●	●	● ● ● ● ● ●

- 3) Draw 6 counters on to a place value chart to match this description. Find all possible answers.

The hundredths are less than the tenths.
The ones are less than the tenths but greater than the hundredths.



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Ones	tenths	hundredths
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