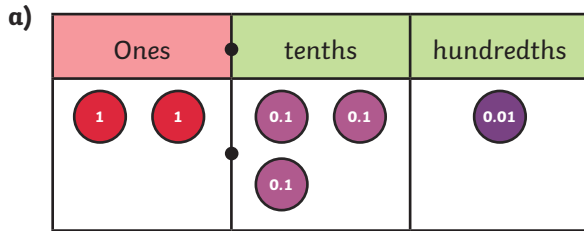


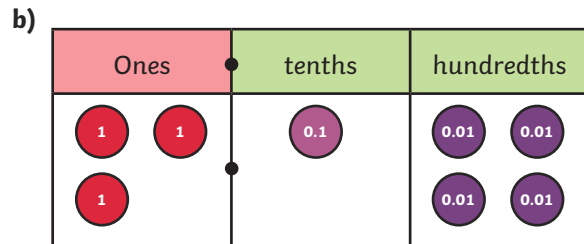
Partition Decimals



- 1) Complete the sentences to describe the numbers shown in the place value charts.



There are _____ ones, _____ tenths and _____ hundredths.
_____ is the number shown.

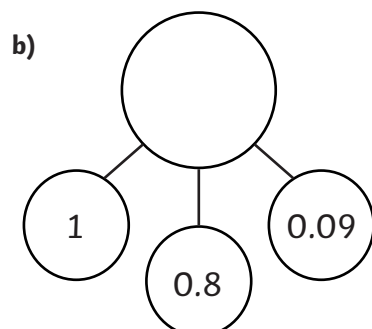
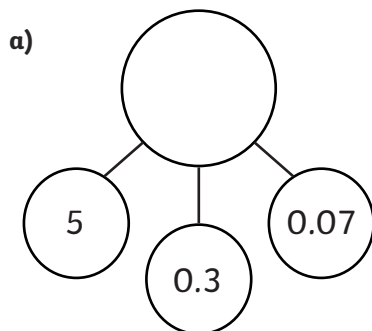


There are _____ ones, _____ tenths and _____ hundredths.
_____ is the number shown.

- 2) Use counters and a place value chart to make these numbers. Then, write the value of the underlined digit.

- a) $6.\underline{7}8$ b) $4.9\underline{8}$
c) $\underline{4}.32$ d) $5.\underline{2}3$
e) $2\underline{3}.45$ f) $23.0\underline{9}$

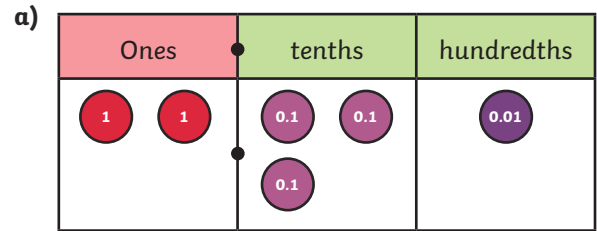
- 3) Complete the part-whole models.



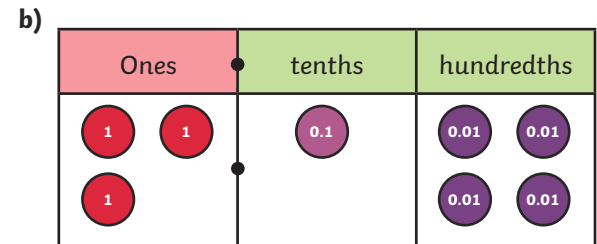
Partition Decimals



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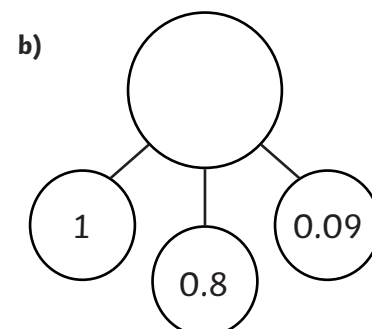
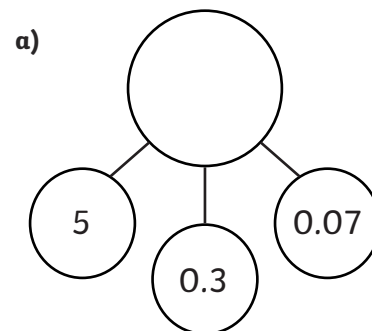


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Partition Decimals



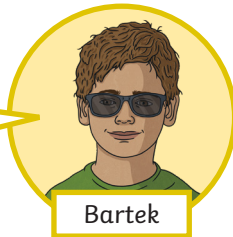
- 1) Joseph and Bartek are discussing how to write the number shown in the place value chart. Who do you agree with? Explain why.

Ones	tenths	hundredths
1		0.01



Joseph

1.1 is the number shown in the place value chart.



Bartek

1.01 is the number shown in the place value chart.

- 2) Hari has placed these 10 counters on the place value chart.

Ones	tenths	hundredths
	0.1 0.1 0.1	
	0.1 0.1 0.1	
	0.1 0.1 0.1	
	0.1	



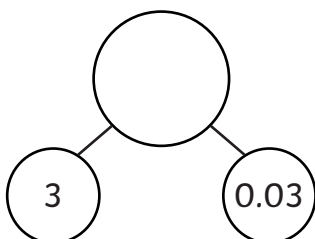
Hari

I have made the number 0.10 on the place value chart.

Explain the mistake he has made.

- 3) Is this statement true or false? Explain your reasoning.

3.3 is represented in this part-whole model.



Partition Decimals



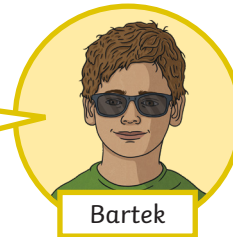
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Ones	tenths	hundredths
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	0.1 0.1 0.1	
	0.1	



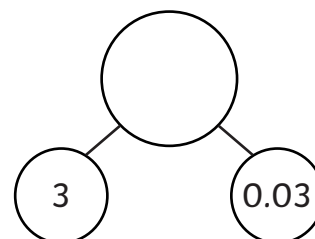
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Explain the mistake he has made.

- 3) Is this statement true or false? Explain your reasoning.

3.3 is represented in this part-whole model.



Partition Decimals



- 1) Use the clues and match the correct number to each child.

2.34

1.05

6.97

0.85



My number is less than 1 whole.

My number has no tenths.

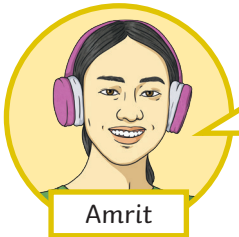


My number has 3 times the amount of tenths as Jia's number.

The hundredths digit in my number is twice the value of the ones digit.



- 2) What could Amrit's and Felix's number be? Find all possibilities.



My number is between $7 + 0.7 + 0.09$ and $7 + 0.8 + 0.11$ and has an even hundredths digit.

My number is less than 50 and has 2 decimal places. The ones and the hundredths digits are the same. The tens and the tenths digits are double the ones and hundredths digits.



Partition Decimals



- 1) Use the clues and match the correct number to each child.

2.34

1.05

6.97

0.85



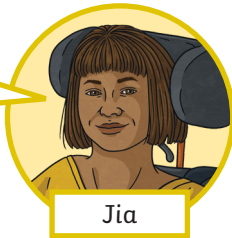
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My number has no tenths.



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