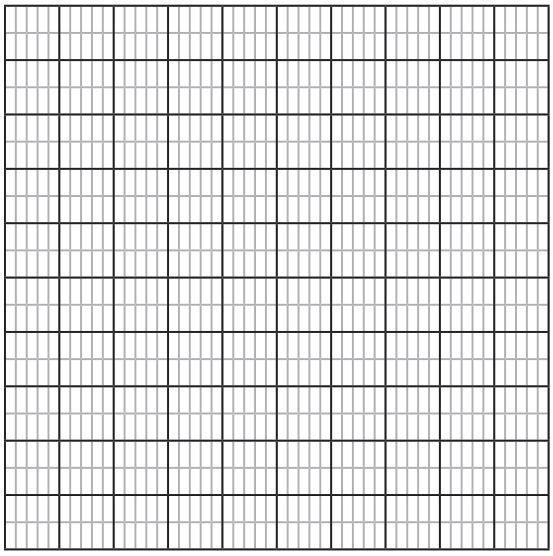
1) This whole square has a value of 1.



a) Choose 3 different colours and colour in 1 tenth, 1 hundredth and 1 thousandth.

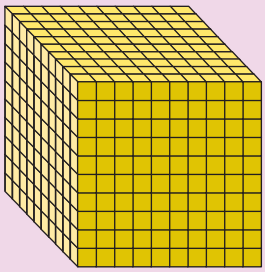
b) Complete the sentences.

There are _____ thousandths in a whole.

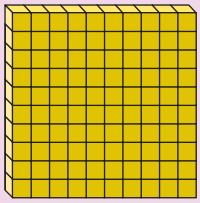
There are _____ thousandths in a tenth.

There are _____ thousandths in a hundredth.

2) Match each decimal or fraction to the correct base ten representation.



= 1 whole



= 1 tenth

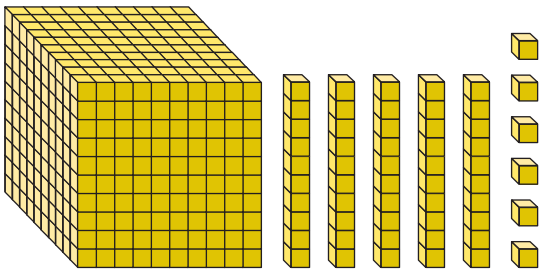
= 1 hundredth

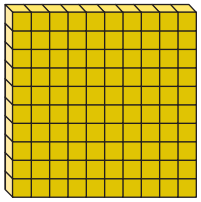
= 1 thousandth

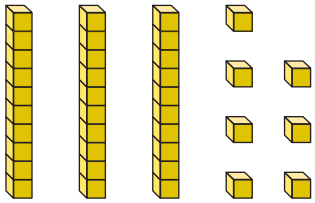
A: 0.124

B: 1.056

C: $\frac{37}{1000}$



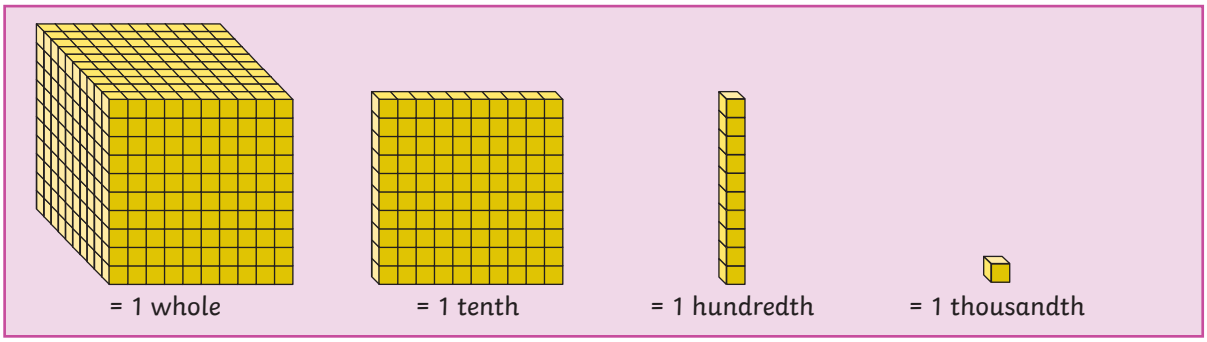




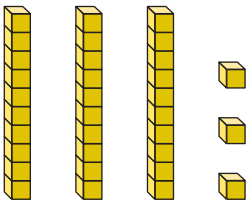
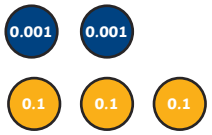
3) Draw base ten representations to show these decimal numbers or fractions.

0.314	1 whole, 2 hundredths and 3 thousandths	$\frac{2}{10} + \frac{4}{100} + \frac{1}{1000}$

You will need some plain paper to do this.



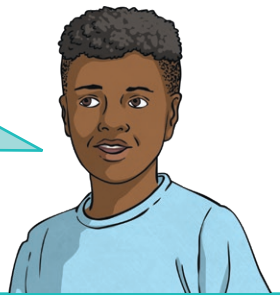
1) Trudy, Jake and Remi have drawn images to represent the decimal number 0.203.

Trudy	Jake	Remi
		

Who has made an error? What should they have drawn?

2) Partition 0.203 in three different ways.

1) Jerry has written a decimal number.



My number has no whole ones.
The tenths digit is double the thousandths digit.
The hundredths digit is 3 more than the tenths digit.

Find all possible solutions.

2) Using the digit cards only once, create 3 different decimal numbers with 3 decimal places. Each number must be greater than 0.3 but less than 0.6. Find all 3 possible sets of numbers.

1	2	3	4	5
6	7	8	9	

0.__ __ __	0.__ __ __	0.__ __ __
0.__ __ __	0.__ __ __	0.__ __ __
0.__ __ __	0.__ __ __	0.__ __ __

3) Counting in thousandths, write the next 3 consecutive numbers.

3.532	_____	_____	_____
7.317	_____	_____	_____
2.652	_____	_____	_____
6.497	_____	_____	_____