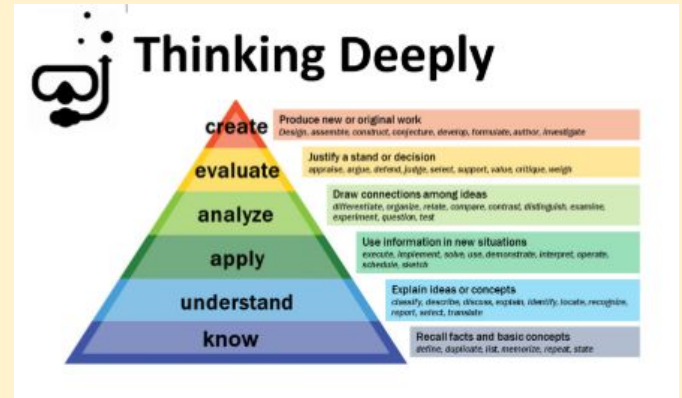


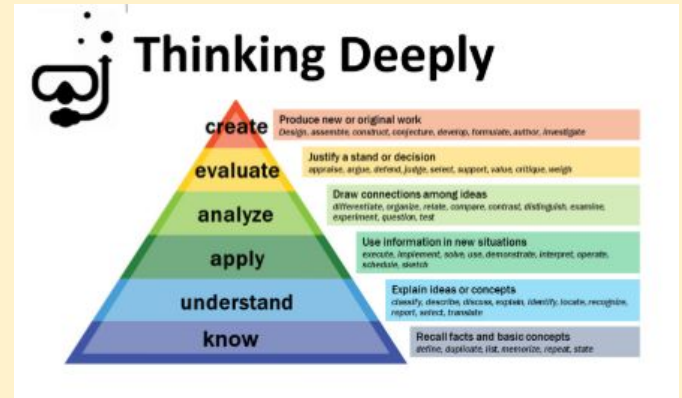
Fractions

LO: to learn tenths as decimals



Counting

Morning, please practise your 8x tables
And your 3x tables



1 tenth is the same as $\frac{1}{10}$ and as a decimal = **0.1**

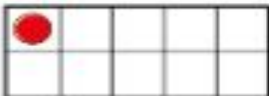
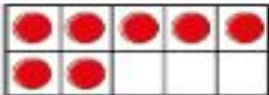
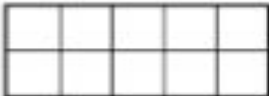
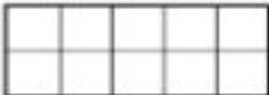
2 tenths is the same as $\frac{2}{10}$ as a decimal = **0.2**

3 tenths is the same as $\frac{3}{10}$ as a decimal = **0.3**

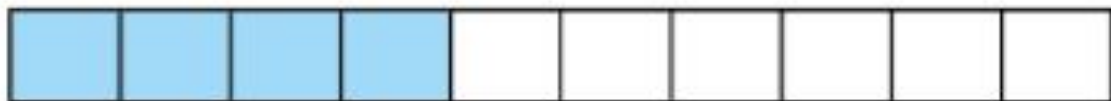
What would $\frac{4}{10}$ be as a decimal? _____

Challenge: What do you think $\frac{10}{10}$ would be? _____

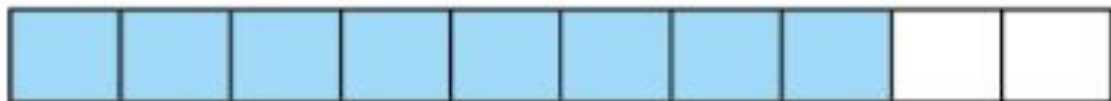
Complete the table.

Representation	Words	Fraction	Decimal
	1 tenth		0.1
		$\frac{7}{10}$	
			0.3
	5 tenths		

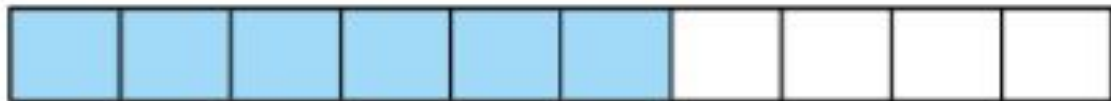
Match each bar model to the equivalent decimal.



0.8



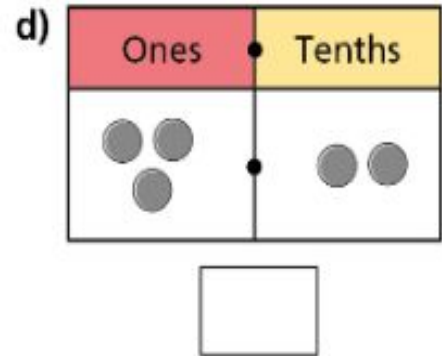
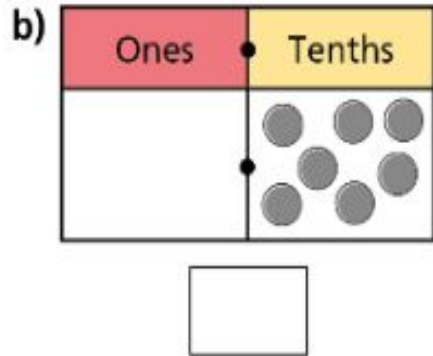
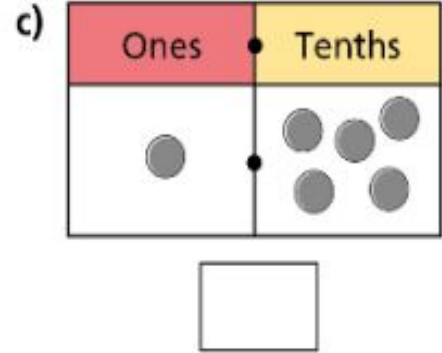
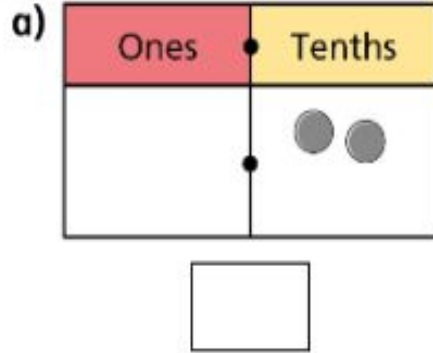
0.6



0.4

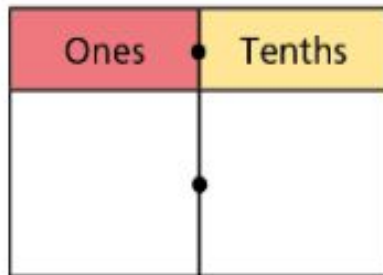
Mo is using a place value chart to represent numbers.

Write each number as a decimal.

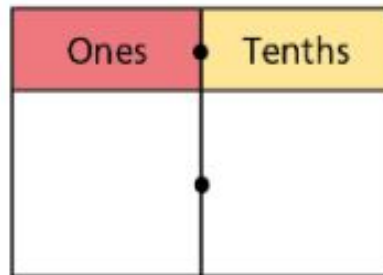


Use counters or sweets to represent numbers.

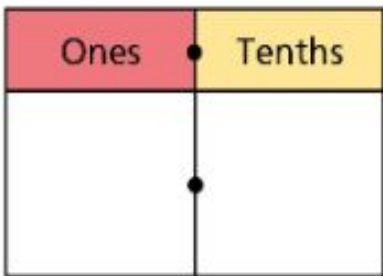
a) 0.3



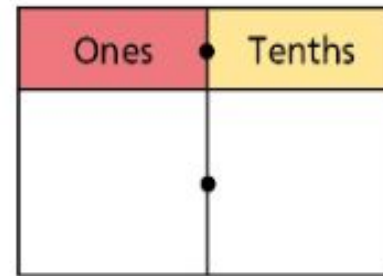
c) 1.3



b) 3





d) 3.1



Know

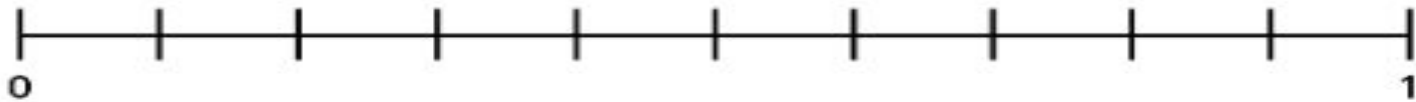
Complete the table below

Image	Words	Fraction	Decimal
	One tenth	$\frac{1}{10}$	0.1
	Nine tenths		

Estimate the position of the decimals on the number lines.

a)

0.1 0.5 0.8



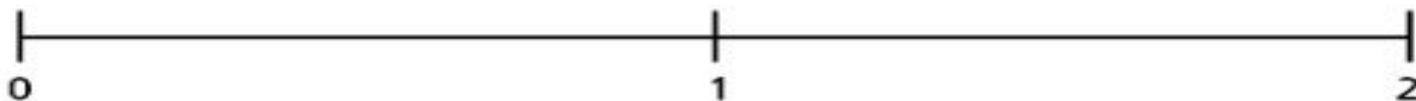
b)

0.4 0.7 0.9



c)

0.6 1.2 1.7



Know

Continue the pattern...

$\frac{1}{10}$	0.2	3 tenths	$\frac{4}{10}$	0.5
6 tenths				

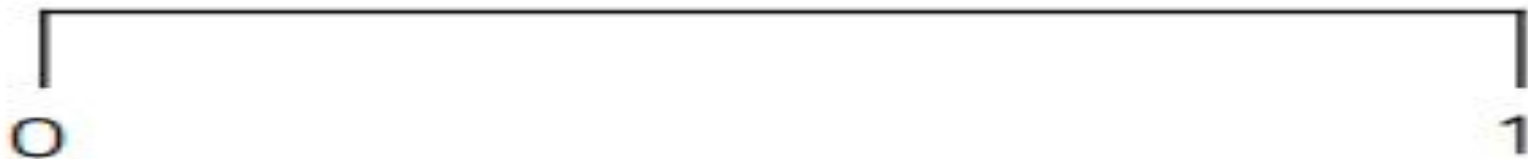
Continue the
pattern...

$\frac{1}{10}$	0.2	3 tenths	$\frac{4}{10}$	0.5
6 tenths				

Understand

Place the decimals and fractions on the number line.

$$0.7 \quad \frac{3}{10} \quad \frac{1}{10} \quad 0.9 \quad \frac{10}{10}$$



Apply

True or False?



Dora

10 cm is one tenth of 1 metre

10 cm is 0.1 metres.



Amir

Explain your answer.

Thinking Deeply

How many cm's is 3 tenths of 1 metre?