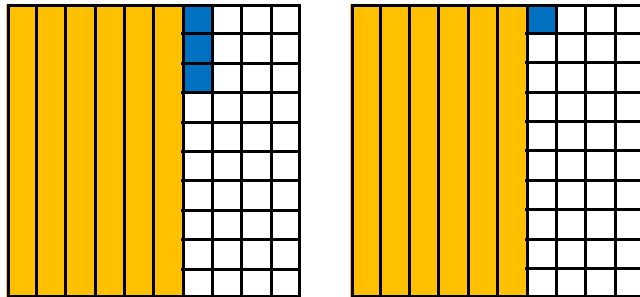




YR4 PROGRESSION IN MASTERY LESSON PACK - COMPARE DECIMALS

FLUENCY 1

Complete the stem sentences to compare the decimals.



__ . __ has __ ones, __ tenths and __ hundredths.

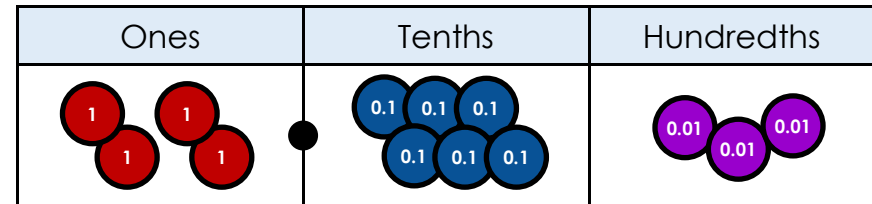
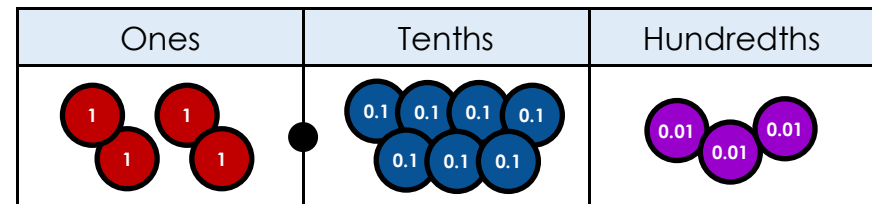
__ . __ has __ ones, __ tenths and __ hundredths.

The decimals have the same number of _____
and _____.

__ . __ has __ more _____ than __ . __ .
Therefore, it is _____.

FLUENCY 2

Using the stem sentences from Fluency 1, adjust them to write how you would compare the visuals below.



FLUENCY 3

Compare the decimals using < or >

0.35		0.39
3.07		3.7
£12.94		£12.49






REASONING 1

Marlon thinks the Gattegno charts below represent the same decimal numbers...

1	2	3		5	6	7	8	9
0.1		0.3	0.4	0.5	0.6	0.7	0.8	0.9
0.01	0.02	0.03	0.04	0.05	0.06	0.07		0.09

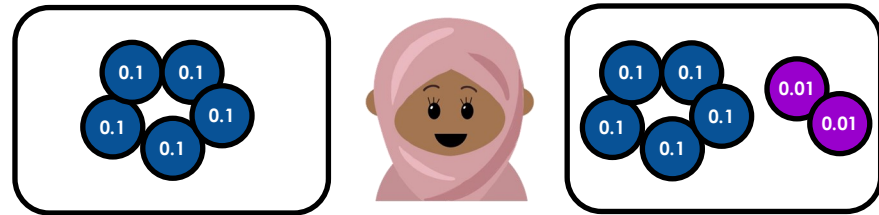


1	2	3	4		6	7	8	9
0.1		0.3	0.4	0.5	0.6	0.7	0.8	0.9
0.01	0.02	0.03	0.04	0.05	0.06	0.07		0.09

Do you agree with him?
Explain why / why not!

REASONING 2

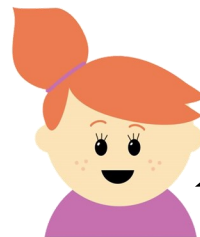
Asha draws place value counters to prove that 0.5 is less than 0.52



Explain whether her evidence is convincing.

REASONING 3

Millie says...



Numbers with 2 decimal places are greater than numbers with 1 decimal place.

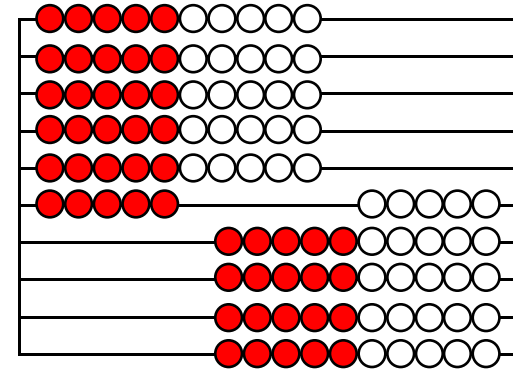
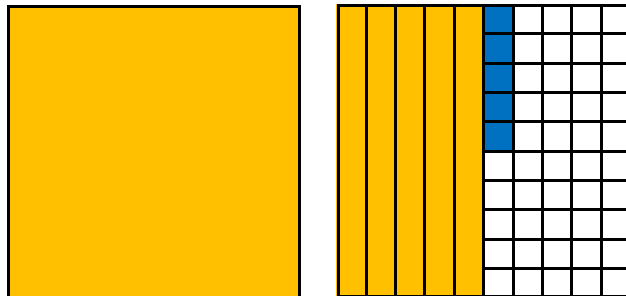
Explain why the statement is not always correct!



PROBLEM SOLVING 1

How many different ways can you compare the decimals represented by these visuals?

Ones	Tenths	Hundredths
1	5	



<input checked="" type="radio"/>	2	3	4	5	6	7	8	9
0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
0.01	0.02	0.03	0.04	<input checked="" type="radio"/>	0.06	0.07	0.08	0.09

Work systematically to find all possibilities!

