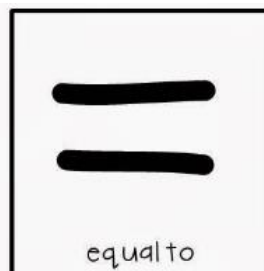
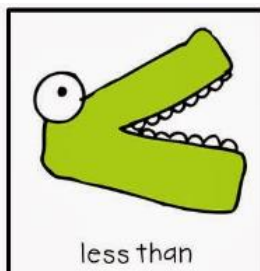
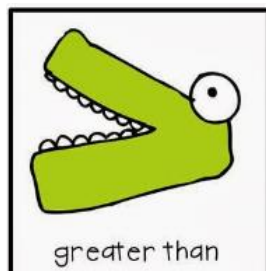


Learning Objectives

- ❖ To be able to calculate decimal equivalence for a simple fraction
- ❖ To be able to identify the value of each digit in a number with up to 3d.p
- ❖ To divide by 10, 100 and 1000 giving answers with up to 3d.p
- ❖ To be able to multiply one-digit numbers with 3d.p by whole numbers
- ❖ To be able to use written division giving answers with 2d.p

Order and Compare



Place Value

Tens	Ones	tenths	hundredths	thousandths
	1 1 1	0.1 0.1 0.1 0.1	0.01 0.01	0.001 0.001 0.001 0.001 0.001 0.001

$$3 + \frac{4}{10} + \frac{2}{100} + \frac{6}{1000} \leftarrow 3.426 \rightarrow 3 + 0.4 + 0.02 + 0.006$$

Thousands	Hundreds	Tens	Ones	tenths	hundredths	thousandths
			2	0	8	
		$\times 10$	20	8		
			2	0	8	

Thousands	Hundreds	Tens	Ones	tenths	hundredths	thousandths
		4	3	5		
$\times 100$	400	300	50			
	4	3	5			

Thousands	Hundreds	Tens	Ones	tenths	hundredths	thousandths
			1	3	5	1
$\times 1000$	1000	3000	5000			
	1	3	5			1

Key Vocabulary

decimal place

decimal fraction

recurring decimals

equivalent fraction

tenth

sharing

partitioning

exchanging

rounding to 3d.p

hundredth

thousandth

equal to

remainder

grouping

$8.12 \div 4$

	2	.	0
4	8	.	1 2

	3	.	4	5
×				3
1	0	.	3	5
	1		1	

Written Methods

$6.93 \div 3 = 2.31$

Ones	tenths	hundredths

$3.21 \times 3 = 9.63$

Ones	tenths	hundredths

What I Should Already Know:

- How to count up and down in hundredths
- How to divide a number to get hundredths
- The decimal equivalence for tenths and hundredths
- The decimal equivalence for $\frac{1}{2}$, $\frac{1}{4}$ and $\frac{3}{4}$
- How to divide by 10 and 100 to give an answer with decimal places
- How to round decimals with 1d.p to the nearest whole number
- How to read compare numbers with up to 2d.p
- How to solve measure and money problems involving decimals