# SUBJECT：Maths＠whisto＿maths <br> UNIT：Integers and Decimals 



## Decimal intervals on a number line

One whole spit into 10 parts makes tenths $=0.1$
One tenth split into 10 parts makes hundreaths $=0.01$


|  | 1 | 1 | 1 | 1 | 1 | 1 |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0 |  | 0.02 | 0.04 | 0.06 | 0.08 | 0.1 |

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Round to I significant figure
370 to I significant figure is 400
37 to I significant figure is 40
3.7 to I significant figure is 4

Round to the first non zero number
0.37 to I significant figure is 0.4
0.00000037 to I significant figure is 0.0000004

# SUBJECT: <br> Maths <br> @whisto_maths <br> UNIT: FDP Equivalence 



## Kheynords

Fraction: how many parts of a whole we have
Decimal: a number with a decimal point used to separate ones, tenths, hundredths etc.
Percentage: a proportion of a whole represented as a number between 0 and 100
Place value: the numerical value that a digit has decided by its position in the number
Placeholder: a number that occupies a position to give value
I Interval: a range between two numbers
I Tenth: one whole split into 10 equal parts
I Hundredth: one whole split into 100 equal parts
I Sector: a part of a circle between two radius (often referred to as looking like a piece of pie)
I Recurring: a decimal that repeats in a given pattern
Simple pie charts


A pie chart has $360^{\circ}$ so all FDP calculations are out of 360

Split into 10 parts $-10 \%-36^{\circ}$

Split into 2 parts $=50 \%=180^{\circ}$

Split into 5 parts

- 20\% - $72^{\circ}$

Equivalent fractions

Represent equivalence with fraction walls


a frequency tree is made up from part-whole models One piece of information leads to another

Probabilites or statements can be taken from the completed trees
eg 34 children visted the $z 00$



