## DEVELOPINg NUMBER @whisto_maths <br> Fractions \& Percentages

## What do I need to be able to do? <br> By the end of this unit you should be able to: <br> - Convert between FDP less than and more than 100 <br> - Increase or decrease using mutipiers <br> - Express an amount as a percentage <br> - Find percentage change <br> L $======$ Convert FDP <br> This will give you the answer in the simplest form <br>  <br> Convert FDP < and $>100 \%$ <br>  <br> $100 \%+40 \%$ $1+0.40$ <br> 100 hundreaths 10 tenths $100 \%$ <br> 140 hundredths <br> 14 tenths

## Keywords

## Percent: parts per 100 - written using the \% symbol

Decimal: a number in our base 10 number system Numbers to the right of the decimal place are called decimas.
Fraction: a fraction represents how many parts of a whole value you have.
Equivalent: of equal value
Reduce: to make smaller in value
Growth: to increase/ to grow.
Integer: whole number, can be positive, negative or zero.
Invest: use money with the goal of it increasing in value over time (ussally in a bank).

Fraction/Percentage of amount

$\begin{aligned} & £ 36 \\ & \text { Remember } \\ & \frac{3}{5}=60 \% \quad 10 \% \text { of } £ 60=£ 6 \\ & 50 \% \text { of } £ 60=£ 30\end{aligned} \quad \quad \begin{gathered}\text { Remember } \\ \frac{3}{5}=60 \%\end{gathered} \quad=0.6$
$60 \%$ of $£ 60$
$=0.6 \times 60$
$=£ 36$

Percentage decreass: Mūtipipiers


Increase by $12 \%$


