

Stage 7 – Exploring fractions, decimals and %

Know it!



Knowledge	
I know...	How to write one quantity as a fraction of another where the fraction is less than 1
I know...	How to write one quantity as a fraction of another where the fraction is greater than 1
I know...	How to write a percentage as fraction
I know...	How to write a quantity as a percentage of another

Link it!



Backward	Forward
Fraction as proportion. Equivalent Fractions. Equivalent fractions and percentages.	Simplifying/Cancelling fractions. Add and subtract fractions.

Prove it!



Jenny says '1/10 is the same as proportion as 10% so 1/5 is the same proportion as 5%.' What do you think? Why?
What is the same and what is different: 1/10 and 10% ... 1/5 and 20%?
Show this fraction as part of a square / rectangle / number line / ...

Say it!



Vocabulary	Definition
Fraction (vulgar fraction)	A fraction where both top and bottom numbers are integers.
Improper fraction	A fraction where the numerator (the top number) is greater than or equal to the denominator (the bottom number).
Percentage	Parts per 100 The symbol is %
Proportion	Proportion says that two ratios (or fractions) are equal.
Numerator	The top number in a fraction.
Denominator	The bottom number in a fraction.