

Year 7 — Application of Number

Fractions & Percentages of amounts



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overview for Year 7
Maths, including topic
summaries, key
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What do I need to be able to do?

By the end of this unit you should be able to:

- · Find a fraction of a given amount
- Use a given fraction to find the whole or other fractions
- Find the percentage of an amount using mental methods
- Find the percentage of a given amount using a calculator

Keywords

Fraction: how many parts of a whole we have

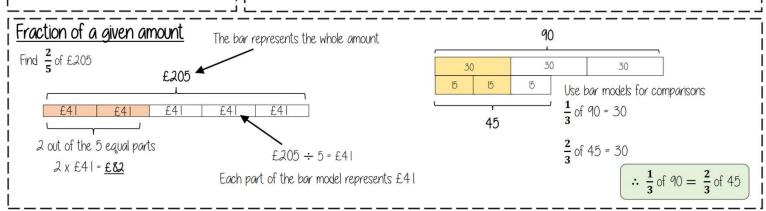
Equivalent: of equal value

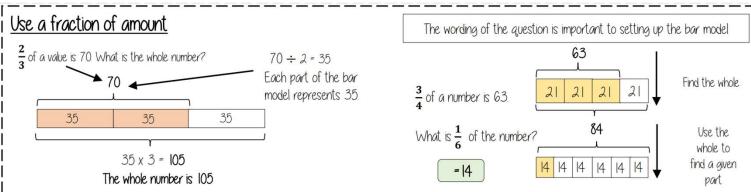
Whole: a number with no fractional or decimal part

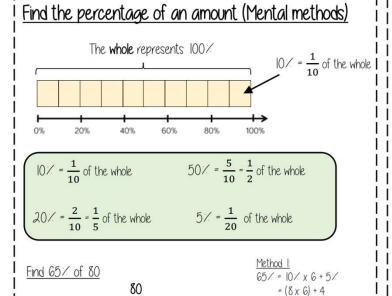
Percentage: parts per 100 (uses the / symbol)

Place Value: the value of a digit depending on its place in a number. In our decimal number system, each place is 10 times bigger than the place to its right

Convert: change into an equivalent representation, often fraction to decimal to a percentage cycle.







For bigger percentages it is sometimes easier to take away from

65/ = 50/ + 10/ + 5/

= 40 + 8 + 4

