

Knowledge Organiser: Ratio (11a)

What you need to know:

Writing a Ratio

Ratio: The is the relationship between two or more numbers and each number is separate by a colon.



Writing ratios as 1:n or n:1

This means that the ratio needs to be simplified in a specific way. You may end up with fractions or decimals as part of your answer.



Key Terms:

Ratio: Relationship between two or more numbers.
Part: This is the numeric value '1' of, would be equivalent to.
Simplify: Divide all parts of a ratio by the same number.
Equivalent: Equal in value.
Convert: Change from one form to another.
Scale: The ratio of the length in a drawing to the length of the real thing.
Proportion: A name we give to a statement that two ratios are equal.

Exchange rate: The value of one currency for the purpose of conversion to another.

Hegarty maths clip numbers

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What you need to know:

Simplifying a ratio

You must make sure that your ratio has been simplified fully by finding the highest common factor.



Sharing in a ratio: To share in a ratio we can use bar modelling to visualise the steps.

Sharing in a ratio



Sharing ratio when given one part:

