



48 - Ratio and conversions

Write ratios in form 1 : m or m : 1 and to describe a situation

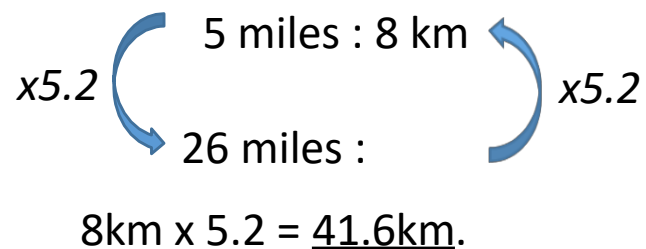
- When simplifying ratio we need to leave both parts as integers (whole numbers).
- For example if we simplify 6: 4 if we divide by 4 the answer is 1.5 : 1 **X**
- But if we divided by 2 the simplified ratio is 3 : 2 **✓**
- However it is acceptable to leave the answer as 1.5 : 1 when the question asks us to leave the answer in the form 1 : m or m : 1. Otherwise make sure both your numbers are whole numbers.

Key conversions to learn

5 miles	8 kilometres
1 inch	2.4 centimetres
1 gallon	3.8 litres
2.2 pounds	1 kilogram

Example

The London marathon is 26miles. How far is this in km?



Linked Prior Topics

- Metric conversions
- Simplifying ratio

Vocabulary

- Conversions
- Ratio

Linked Future Topics

- Scale drawings
- Similar triangles