

Unit 4c: Ratio and Proportion

Year 9 Road Map

In this unit you will learn about number. The aims are as follows:

LG1: Knowledge

LG2: Application

LG3: Skills

S/N	Level	Learning Goals/Outcomes/Content	Dr Frost Videos	 R	 A	 G
4c) Ratio and Proportion						
1	SC	Express the division of a quantity into a number of parts as a ratio	171e			
2	SC	Write ratios in the form 1:m or m:1 and to describe a situation	224d			
3	SC	Write ratios in their simplest form, including three-part ratios	224b			
4	SCE	Divide a given quantity into two or more parts in a given part: part or part: whole ratio	225a 225b			
5	SCE	Use a ratio to find one quantity when the other is known	225d			
6	SCE	Write a ratio as a fraction	226c			
7	E	Write a ratio as a linear function	224e			
8	CE	Use a ratio to compare a scale model to real-life object	224f			
9	E	Use a ratio to convert between measures and currencies, e.g. £1.00 = €1.36	177h			
10	CE	Identify direct proportion from a table of values, by comparing ratios of values	176d 176e 428c			
11	SCE	Scale up recipes	128k			
12	SCE	Convert between currencies	177d			

Student's comments and questions: