

Stage 7 - Proportional reasoning

KEYWORDS

- Ratio
- Proportion
- Simplify
- Common Factor
- Cancel
- Lowest terms
- Unit
- Share
- Divide
- Compare

THE BIG PICTURE

WHAT DO WE ALREADY *know?*

- Find common factors of pairs of numbers
- Convert between standard metric units of measurements
- Convert between units of time
- Recall multiplication and division facts for tables up to 12 x 12

- To simplify a ratio by cancelling using common factors
- To Divide a quantity in a given ratio
- To solve problems that involve dividing in a ratio

Proportional reasoning - Targets	Before Topic	After Topic	Teacher Mark
Describe a comparison of measurements or objects using ratio notation a:b			
Simplify a ratio by cancelling common factors			
Divide a quantity in two parts in a given part : part ratio			
Solve simple problems involving a ratio a:b and one known value			