

Max's Masterclass: Mastering Measurement

Think like a monkey, calculate like a pro: Measure, convert, and go!

- To convert from kilometres to metres, you must multiply the value by 1,000 because one kilometre is exactly 1,000 metres long.
- When measuring mass, remember that 1,000 grams equals exactly one kilogram. If a bag of flour costs £1.20 per kilogram, 500 grams would cost 60p.
- Capacity measures the volume of liquid a container can hold; 1,000 millilitres is equivalent to one litre.
- To convert centimetres to millimetres, multiply by 10. There are 10 millimetres in every centimetre, making them perfect for measuring tiny details.
- When solving multi-step problems, always ensure your units match before you add or subtract. Never add metres to centimetres directly!

Did you know? Did you know? Even though we use the metric system today, some ancient civilisations used parts of their bodies to measure! A 'cubit' was the distance from the elbow to the tip of the middle finger. Max finds this very tricky because everyone's arms are different lengths—that is why we use standard units like centimetres and metres now!

Key vocabulary: millimetre · centimetre · kilometre · millilitre · gram · kilogram · conversion · capacity · metric