

# Max's Magnificent Division Masterclass

Master the Art of Sharing: Make Maths Add Up!

- The dividend is the number being divided, while the divisor is the number you are dividing by. Always keep your place value columns neat!
- When using long division, remember the acronym: Divide, Multiply, Subtract, Bring down, Repeat. This keeps your calculations organised.
- If you have a remainder, you can express it as a whole number, a fraction, or a decimal. Choose the format that best fits the word problem.
- Estimating your answer before you start helps you check if your final quotient is sensible. If your answer is vastly different from your estimate, check your working.
- Division is the inverse of multiplication. If you are unsure of your answer, multiply your quotient by the divisor and add the remainder to see if you return to the dividend.
- For money problems, ensure your decimal point stays in the same position throughout the division process, just like in your original dividend.

*Did you know? Did you know? The ancient Egyptians used a method of division that didn't rely on the modern 'bus stop' style we use today. They used doubling and halving to find how many times one number fits into another—it's like a puzzle for your brain!*

**Key vocabulary:** Dividend · Divisor · Quotient · Remainder · Short Division · Long Division · Factor