Mastering Long Division with Max the Monkey

Max’s Maths Mission: Divide and Conquer!

- **The Dividend is the total amount you are starting with, while the Divisor is the number you are dividing by. Always check your place value columns carefully.**
- **The 'DMSB' method helps you remember the steps: Divide, Multiply, Subtract, and Bring down the next digit.**
- **If you have a remainder, you can express it as a whole number, a fraction, or even a decimal if you continue the division further.**
- **When dividing by a two-digit number, it is helpful to write out a quick list of multiples for your divisor on the side of your page to save time.**
- **Always check your answer by using the inverse operation: multiply your quotient by the divisor and add any remainder to see if you return to the original dividend.**

> *Did you know? Did you know? The ancient Egyptians used a form of long division over 3,000 years ago! They didn't have calculators, so they used a system of doubling and halving to solve complex division problems quickly.*

Key vocabulary: Dividend · Divisor · Quotient · Remainder · Long Division · Place Value · Inverse Operation