

Max's Magnificent Decimal Discovery!

Dive into the decimal dimension with Max and discover how parts make a whole!

- A decimal point is the magical divider that separates whole numbers from parts of a whole. Everything to the right of the point is worth less than one!
- If you divide one whole unit into ten equal parts, each part is a tenth. We write this as 0.1 as a decimal or $\frac{1}{10}$ as a fraction.
- When you share a unit into one hundred equal pieces, each tiny piece is a hundredth. This is written as 0.01.
- Money is the most common way to see decimals! £1.50 means one pound and fifty pence (which is $\frac{50}{100}$ of a pound).
- Place value matters! In the number 0.45, the 4 represents four tenths and the 5 represents five hundredths.

Did you know? Did you know? The word 'decimal' comes from the Latin word 'decimus', which means 'tenth'. Just like Max the monkey counts his bananas, decimals help us count the tiny pieces left over when we have less than one whole number!

Key vocabulary: Decimal point · Tenths · Hundredths · Place value · Fraction · Equivalent