

Max's Magnificent Decimal Discovery

Master the Magic of Decimals: Where Every Digit Counts!

- The decimal point separates the whole number part from the fractional part. The first position to the right of the point is always the tenths column.
- When comparing two decimals, always start by looking at the largest place value (the whole numbers) before moving to the tenths, hundredths, and thousandths.
- Adding a zero as a placeholder at the end of a decimal does not change its value. For example, 0.5 is exactly the same as 0.500.
- To multiply a decimal by 10, move every digit one place to the left. To divide by 10, move every digit one place to the right.
- Decimals are just another way of writing fractions. A fraction like $\frac{1}{4}$ can be written as the decimal 0.25.

Did you know? Did you know that the decimal point acts like a tiny wall, separating whole numbers from the parts of a whole? Just like fractions, decimals help us measure things precisely. If Max the monkey has £1.25, that '1' is a whole pound, the '2' represents two ten-pence coins, and the '5' represents five single pennies!

Key vocabulary: Tenths · Hundredths · Thousandths · Decimal Point · Place Value · Placeholder · Equivalent