

Max's Magnificent Decimal Discovery

Master the decimal point and unlock the world of parts and wholes!

- The decimal point acts as an anchor; digits to the left represent whole values, while digits to the right represent fractions of a whole.
- To convert a fraction like $\frac{7}{10}$ into a decimal, you write 0.7. This shows that the 7 sits firmly in the tenths column.
- When comparing two decimals, always look at the column with the highest place value first—the tenths column is always more significant than the hundredths.
- Decimals can be rounded to the nearest whole number. If the digit in the tenths column is 5 or more, we round up to the next whole number.
- Adding a zero as a placeholder is vital. For example, 0.5 is exactly the same as 0.50, but it helps keep your columns organised during addition.

Did you know? Did you know that the decimal point is a clever little traveller? In the UK, we use a dot to separate whole pounds from pence, such as £1.50. If you were to divide a single unit into one thousand tiny, equal slices, each slice would be worth 0.001—that is one thousandth! Max the monkey loves using these to measure out his favourite snacks with extreme precision.

Key vocabulary: Decimal · Tenths · Hundredths · Thousandths · Place Value · Equivalent · Fraction · Interval