

Max's Magnificent Maths: Mastering Fractions

Learning objective: To consolidate understanding of fractions, including simplifying, equivalent fractions, comparing, and calculating with fractions.

Use these flashcards to test your knowledge of fractions. Read the question on the front, think of the answer, and then check the back to see if you are correct. Max the monkey says: 'Break the problem down into smaller pieces to solve it!'

What is the top number of a fraction called?

The Numerator.

What is the bottom number of a fraction called?

The Denominator.

Simplify the fraction $\frac{6}{12}$ to its simplest form.

$\frac{1}{2}$.

Convert the improper fraction $\frac{7}{3}$ into a mixed number.

2 and $\frac{1}{3}$.

Find an equivalent fraction to $\frac{2}{5}$ with a denominator of 10.

$\frac{4}{10}$.

Calculate $\frac{1}{4} + \frac{2}{4}$.

$\frac{3}{4}$.

Which is larger: $\frac{3}{4}$ or $\frac{7}{8}$?

$\frac{7}{8}$ (because $\frac{3}{4}$ is equal to $\frac{6}{8}$).

If a pizza is £8.00 and you eat $\frac{1}{4}$ of it, what is the cost of the portion you ate?

£2.00.

What is $\frac{1}{2}$ of $\frac{1}{3}$?

$\frac{1}{6}$.

Write 0.75 as a fraction in its simplest form.

$\frac{3}{4}$.

Calculate $\frac{2}{3}$ multiplied by 3.

$\frac{6}{3}$ or 2.

If you have $\frac{1}{5}$ of £20, how much money do you have?

£4.00.