

Max's Percentage Puzzles: Year 6 Maths Flashcards

Learning objective: To recall percentage equivalents and apply percentage calculations to solve real-world problems using money and quantities.

Use these flashcards to test your knowledge of percentages. Max the monkey has hidden the answers on the back of each card, so read the front first and see if you can solve the puzzle before checking!

What does the word 'percent' literally mean?

Per cent means 'per hundred' or 'out of one hundred'.

What is 50% as a simplified fraction?

$\frac{1}{2}$

Max finds a toy costing £20. It is in a 25% off sale. How much money is the discount?

£5.00 (25% is $\frac{1}{4}$, and $\frac{1}{4}$ of £20 is £5).

What is 20% expressed as a decimal?

0.2

If Pip reads 75% of a 40-page book, how many pages has she read?

30 pages (75% is $\frac{3}{4}$, and $\frac{3}{4}$ of 40 is 30).

Write 10% as a fraction in its simplest form.

$\frac{1}{10}$

What is 5% of £80?

£4.00 (10% is £8, so 5% is half of that).

Convert 0.75 into a percentage.

75%

What is 1% of £300?

£3.00

If a shop offers a 10% discount on a £50 item, what is the new price?

£45.00 (£5 discount subtracted from £50).

What is 25% as a decimal?

0.25

Which is larger: 0.4 or 35%?

0.4 (because 0.4 is 40%).