Mastering BIDMAS with Max the Monkey

Learning objective: To understand and apply the order of operations (BIDMAS) to solve multi-step calculations accurately.

Use these flashcards to test your knowledge of BIDMAS. Read the front of the card, calculate the answer in your head or on paper, then check the back to see if you are correct!

What does the 'B' stand for in BIDMAS?	Brackets
What does the 'I' stand for in BIDMAS?	Indices (powers and square roots)
In the calculation 5 + 3 × 2, which part do you solve first?	The multiplication (3 × 2 = 6, then 5 + 6 = 11)
What is the result of (4 + 6) × 2?	20 (Brackets first: 10 × 2 = 20)
True or False: Addition and Subtraction have the same priority, so you work from left to right.	True
Solve: 10 - 2 × 3	4 (Multiplication first: 10 - 6 = 4)
Solve: $3^2 + 5$	14 (Indices first: 9 + 5 = 14)
Solve: 20 ÷ (2 + 2)	5 (Brackets first: 20 ÷ 4 = 5)
If Max has £10 and spends £2 × £3 on bananas, how much change does he have?	£4 (10 - 6 = 4)
Solve: 5 + 5 × 5 - 5	25 (Multiplication first: 5 + 25 - 5 = 25)
Why do we use BIDMAS in maths?	To ensure everyone calculates an equation in the same order to get the correct answer.
Solve: $6^2 \div 4$	9 (Indices first: 36 ÷ 4 = 9)