

Max's Mental Maths Mastery: Year 4 Challenge

Learning objective: To develop fluency and mental agility in addition, subtraction, multiplication, and division strategies.

Read the front of the flashcard and calculate the answer in your head. Flip the card or check the answer provided to see if your mental strategy was successful. Use Max's tips to help you work faster!

Max has 45p and earns another 38p. What is the total sum using partitioning?	Calculate 150 - 60 mentally. How can you use your knowledge of 15 - 6 to help?
$45 + 30 = 75$; $75 + 8 = 83$ p.	Since $15 - 6 = 9$, then $150 - 60 = 90$.
What is the product of 8 and 4?	If you have £5.00 and spend £2.40 on a book, how much change do you receive?
32.	£2.60.
Find the missing number: $7 \times ? = 56$.	What is 1,000 more than 4,562?
8.	5,562.
Divide 48 by 4 mentally.	Round 78 to the nearest 10 and add 20.
12.	$80 + 20 = 100$.
What is the inverse operation of multiplication?	Max buys three pencils for 20p each. How much does he spend in total?
Division.	60p.
Subtract 19 from 50 using a mental adjustment strategy.	What is half of 120?
Subtract 20, then add 1 back ($50 - 20 = 30$; $30 + 1 = 31$).	60.