

Max's Mental Math Masterclass

Keep your brain sharp and your pencil down—let's solve it in our heads!

■ **Partitioning:** To add $45 + 28$, try adding the tens ($40 + 20 = 60$) and then the ones ($5 + 8 = 13$) to reach 73.

■ **Rounding:** If you are buying a toy for £4.99, round it to £5.00 to make your addition easier, then subtract 1p at the end.

■ **Inverse Operations:** If you know that $7 \times 4 = 28$, then you also know that $28 \div 4 = 7$. Use the inverse to check your work!

■ **Doubling and Halving:** To multiply by 4, you can simply double the number twice. For example, 12×4 is the same as $12 \times 2 \times 2$.

■ **The Difference:** To find the difference between two numbers, count up from the smaller number to the larger one on a mental number line.

Did you know? Did you know? When you use mental math, your brain creates new pathways that make it faster and easier to solve complex problems later on! Max the monkey loves to practice his mental math while hanging upside down—he says it helps him see the numbers from a different perspective.

Key vocabulary: Partitioning · Inverse · Rounding · Estimate · Difference · Multiple