Max's Masterful Mental Math Strategies

Think like a monkey, calculate like a pro – master the art of mental math!

- **Partitioning: To add 456 + 230, split the numbers into hundreds, tens, and ones. Add each part separately: (400+200), (50+30), and (6+0).**
- **Rounding and Adjusting: When adding 9 or 11, add 10 first, then adjust by adding or subtracting 1 to find the correct total.**
- **Using Inverse Operations: If you know that 15 x 4 = 60, you also know that 60 ÷ 4 = 15. Always check your work using the opposite operation.**
- **Commutative Property: In addition and multiplication, the order of the numbers does not change the result. 12 x 5 is the same as 5 x 12.**
- **Doubling and Halving: To multiply by 4, double the number twice. To multiply by 8, double the number three times.**
- **Money Matters: When calculating £5.00 - £2.75, count up from £2.75 to the next pound (£3.00), then add the remaining £2.00 to reach £5.00.**

Did you know? Did you know that your brain uses electrical signals to process numbers? When you practice mental math, you are actually strengthening the neural pathways in your brain, making it faster at solving problems every single day!

Key vocabulary: Commutative · Associative · Partitioning · Inverse · Rounding · Adjustment