

Max's Magnificent Multiplication Station

Master the Magic of Multiplication with Max the Monkey!

- The commutative law means that the order of the numbers does not change the product. For example, 6×4 is the same as 4×6 .
- An array is a visual way to organize items into rows and columns to help you see the multiplication calculation clearly.
- When you multiply any whole number by 1, the product remains the same as the original number. This is known as the Identity Property.
- To multiply by 10, you can shift each digit one place to the left and place a zero in the ones column as a placeholder.
- If you are multiplying a number by 12, you can split it into multiplying by 10 and multiplying by 2, then add the two totals together.

Did you know? Did you know? Multiplication is just a speedy way of doing repeated addition! If you have 7 groups of 8 apples, you are really just calculating $8 + 8 + 8 + 8 + 8 + 8 + 8$. That equals 56! Max calls this 'The Shortcut to the Stars'.

Key vocabulary: Product · Factor · Multiple · Array · Commutative · Calculation