

Max's Mathematical Multiplication Challenge

Learning objective: To consolidate rapid recall of multiplication tables up to 12x12, focusing on fluency, patterns, and inverse operations.

Use these flashcards to test your knowledge of times tables. Max the monkey thinks these are the most important puzzles for any young mathematician! Work through the cards to sharpen your mental maths skills.

What is the product of 7 and 8?

56

If Max has 9 bunches of bananas with 6 bananas in each, how many bananas are there in total?

54

Complete this equation: $12 \times 4 = ?$

48

What is the inverse operation of $6 \times 3 = 18$?

$18 \div 3 = 6$ or $18 \div 6 = 3$

Which two factors make the product 72? (Give one possible pair, excluding 1×72)

8×9 (or 6×12)

Is the calculation 5×9 the same as 9×5 ? Explain why.

Yes, because multiplication is commutative, meaning the order of factors does not change the product.

If $11 \times 5 = 55$, what is 11×50 ?

550

Calculate 0×12 .

0

How many 6s are in 42?

7

Max bought 4 notebooks costing £3 each. How much did he spend in total?

£12

What is the square of 9? (9×9)

81

Compare 4×8 and 8×4 . What do you notice about their products?

They are identical (32). This demonstrates the commutative property of multiplication.