

Max's Magnificent Maths: Mastering Addition

Learning objective: To develop fluency in adding numbers with up to four digits using formal written methods and mental strategies.

Read the front of each card to challenge your addition skills. Flip to see if your answer matches Max the Monkey's calculation. Use these for independent practice or partner quizzing.

What is the sum of 2,450 and 1,325?

3,775

When using column addition, why must we align the digits by their place value?

To ensure we are adding the correct columns together (ones, tens, hundreds, thousands).

Calculate $4,892 + 2,147$.

7,039

If you add £14.50 and £6.75, what is the total?

£21.25

Explain the process of 'exchanging' in addition.

When the sum of a column is 10 or more, we move the value into the next column to the left.

Max has 3,200 marbles and finds 1,950 more. How many does he have in total?

5,150

What is the inverse operation of addition?

Subtraction

Add 5,005 and 2,995.

8,000

True or False: The order of addends changes the total in addition.

False (The commutative law proves the order does not change the sum).

Calculate $6,789 + 1,211$.

8,000

If you have £50.00 and spend £12.50, what addition sentence could check your change?

$£12.50 + £37.50 = £50.00$

Estimate $2,980 + 4,020$ by rounding to the nearest thousand.

$3,000 + 4,000 = 7,000$