

Mastering Long Multiplication: Max the Monkey’s Maths Toolkit

Learning objective: To multiply numbers up to four digits by a two-digit number using the formal written method of long multiplication.

Key Vocabulary

Use this reference that to help you solve complex multiplication puzzles. Terms are grouped by their role in the calculation process.

Multiplicand The number that is being multip...	Multiplier The number by which another nu...	Product The final result of a multiplication ca...
Place Value The value of a digit depending ...	Placeholder A zero used to hold a place in a...	Regrouping Moving a value from one colum...
Estimation Using rounded numbers to find ...	Inverse The opposite operation; division is t...	Explain why it is ...
Compare and con...	Max the Monkey ...	If you are multiply...
What might happ...	Create your own ...	