

Multiplication



Multiplication sign,	Multiply sign,	Product
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Spoken (x 5)	Multiply by 5	'Times	'Product of'
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Read the sums out loud. This helps with the understanding of the key words.
 E.g. $5 \times 3 = 15$. 'Five **multiplied by** three **equals** fifteen'

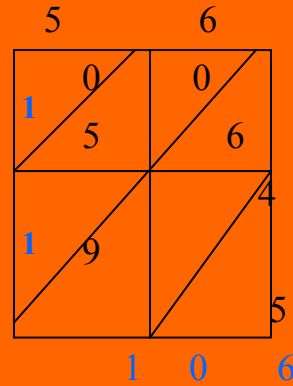
In its simplest form, multiplication is the process of adding a whole number to itself a certain number of times. E.g. $5 \times 3 = 5 + 5 + 5 = 15$

Example. You do not work with anything bigger than 9×9

56×19



1



The blue numbers in the grid are 'carried' numbers.

5

4

4

Written example. A team of rugby players need new boots. 1 pair of boots costs £42 . How much would 15 pairs cost? Use the above method to calculate this.

Multiplication
Assessing Pupils Performance (APP)

Number and the number system

Level 4 recognise and describe number relationships

Calculating

Level 3 Solve whole number problems
Multiply and divide two digit numbers by 2, 3, 4, 5

Level 4 Use a range of methods
Use efficient written methods
Check the reasonableness of results with reference to the context or size of numbers
Solve problems without a calculator

Level 5 Understand and use an appropriate non-calculator method for solving problems that involve multiplying any three digit number by any two digit number

Using and Applying mathematics

Level 3 Select the numeracy they use in the classroom activities
Try different approaches when problem solving
Begin to organise their work and check results
Review their work and reasoning.

Level 4 Develop their own strategies for problem solving
Present information and results in a clear and organised way