

# Live Mathletics

**Live Mathletics** has ten levels across all gaming areas. These are the same ten levels for all students. Below is a summary of what question types are included at each level.

## The Ten Levels

- LEVEL 1** Addition from 1 - 10  
Doubles up to 10
- LEVEL 2** Addition from 1 - 20  
Subtraction from 1 - 20
- LEVEL 3** Addition from 1 - 50  
Subtraction from 1 - 50  
2s, 3s, 4s, 5s and 10s Times Tables  
Doubles and halves up to 50  
Addition from 1 - 20 with a missing addend
- LEVEL 4** Addition from 1 - 100  
Subtraction from 1 - 100  
Times Tables to 10 x 10  
Doubles and halves up to 100  
2s, 3s, 4s, 5s and 10s division facts  
Addition from 1 - 50 with a missing addend  
Times Tables to 10 x 10 with a missing factor
- LEVEL 5** Addition from 1 - 500  
Subtraction from 1 - 100  
Addition from 1 to 100 with a missing addend  
All multiplication and division facts to 10 x 10  
Time conversions  
Length conversions
- LEVEL 6** Decimal addition from 0.1 to 1.0  
Decimal subtraction from 1.0  
Multiply decimal by whole number  
Multiply decimal by decimal  
Order of operations with whole numbers  
Multiplying 3 numbers  
Converting millimetres, centimetres and metres  
24 hour time  
Simple Algebraic substitution  
Missing term in a sequence with whole numbers  
Patterns of 1 to 10  
Sum, difference, product and quotient  
Missing term in a sequence with decimals
- LEVEL 7** Simple ratios with two numbers  
Cubes  
Adding and subtracting negative numbers  
Multiplying negative and positive numbers  
24 hour time  
Converting between  $\text{cm}^3$  and mL  
Converting between mL and  $\text{cm}^3$   
Converting between  $\text{cm}^3$  and L  
Converting between L and  $\text{cm}^3$   
Missing term in a sequence with decimals  
Order of Operations  
Solving simple one step equations  
Solving simple two step equations
- LEVEL 8** Simplifying ratios with three terms  
Order of operations with whole numbers up to 50  
Multiplying 3 numbers  
Converting between  $\text{m}^2$  and  $\text{cm}^2$   
Converting between  $\text{mm}^2$  and  $\text{cm}^2$   
Converting between  $\text{m}^3$  and  $\text{cm}^3$   
Converting between  $\text{cm}^3$  and  $\text{mm}^3$   
Surface area of cubes  
Pythagorean triads  
Solving simple one step equations  
Solving simple two step equations  
Simple factorising
- LEVEL 9** Algebraic Substitution  
Expanding brackets  
Find the midpoint between two points  
Factorising simple quadratics  
Expanding simple quadratics
- LEVEL 10** Logarithms  
Solving equations