## **Mathletics Levels Quick Guide**



## Live Mathletics levels

Live Mathletics has ten levels across all gaming areas. Below is a summary of what question types are included at each level. Have you tried them all?

**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** Operations with decimals

Calculations using brackets

Simple percentages

Converting mm, cm and m

24 hour time

Timetable calculations

Fractions and decimals

Percentages and decimals

Terms in a sequence with decimals I Terms in a sequence with whole numbers Sum, difference, product and quotient

Cubes

Operations with integers

Volume and capacity conversions

Order of operations I The Cartesian plane I Equivalent fractions

Ratios

Volume of rectangular prisms I

Area of plane shapes I

**LEVEL 8** Statistical measures

Simplifying algebra I Algebraic substitution I

Order of operations II

Terms in a sequence with decimals II

Area and volume conversions

Factoring I

Volume of rectangular prisms II

Area of plane shapes II Recurring decimals

**LEVEL 9** Algebraic substitution II

Factoring II

Order of operation III Expanding brackets I

Find the midpoint between two points

Pythagorean triads The Cartesian Plane II Chance outcomes Simplifying algebra Scientific notation

**LEVEL 10** Logarithms

Solving equations Algebraic substitution III Expanding brackets I Expanding quadratics Factoring quadratics Surface area of cubes

Percentage probability