



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?

<b>LEVEL 1</b> Addition from 1 - 10 Doubles up to 10	<b>LEVEL 7</b> 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
<b>LEVEL 2</b> Addition from 1 - 20 Subtraction from 1 - 20	<b>LEVEL 8</b> 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
<b>LEVEL 3</b> 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	<b>LEVEL 9</b> Algebraic substitution II Factoring II Order operation III Expanding brackets I Find the midpoint between two points Pythagorean triads The Cartesian Plane II Chance outcomes Simplifying algebra Scientific notation
<b>LEVEL 4</b> 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	<b>LEVEL 10</b> Logarithms Solving equations Algebraic substitution III Expanding brackets I Expanding quadratics Factoring quadratics Surface area of cubes Percentage probability
<b>LEVEL 5</b> 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	
<b>LEVEL 6</b> 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	

In **Live Mathletics**, you can challenge other students to real-time races that will boost the speed and accuracy of your mental mathematical calculations! You can choose to compete against students from right across the world, or from your own school or class.

Points and credits are awarded for correct answers and beating your high score.

## Live Mathletics

- 01 Live Mathletics games have ten levels of difficulty, including questions across a wide range of mathematical topics.
- 02 Use the horizontal menu at the top of the screen to select a level and pull down to see the types of questions included. You can even practice before your play! Remember, the level you leave selected will be the level at which you enter the game.
- 03 Your speed & accuracy at each of the ten levels will give you a ranking from **Raging Rookie** to **Human Calculator**. In random-match games, you will only be matched against other similarly ranked players – so you always have a fair chance!



### TRACK YOUR RESULTS

You can track your results in two places – in the 10 Levels toolbar and also in the panel top-right of the screen. Top results for your school's **Class Challenges** and **School Challenges** are also shown here too. Can you beat their scores?!



### SCORING POINTS

Each correct answer earns you **one point** for your **weekly total**. A bonus level is available with double points. Your bonus level depends on your previous results and will be indicated by a gold star at the top of the screen.

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## Starting a Game

### 01 RANDOM-MATCH GAMES

There are four game types available, **World Challenge**, **School Challenge** and **Class Challenge** (where you are randomly matched with up to three other players) and also **Computer Challenge** where you can warm up your skills against the computer. Click your chosen game type followed by the GO button.

### 02 CHALLENGE GAMES

Alternatively you can challenge specific players to a game. On the left of the screen is a **live feed** showing who's online in your school. You can choose to challenge up to three other online players to a game by clicking on their "Ready" button. The green GO button will then change to CHALLENGE. Your schoolmates will have 15 seconds to accept or decline the match before the game begins.



#### WHO'S ONLINE

The **Who's Online** panel shows you which of your classmates are online at the same time as you. Click the > icon at the top of the panel to see a history of recent completed challenges.



#### CONNECTOR POINTS

Every time you challenge a player in your school to a game you earn **2 Connector Points**. Every time you accept a challenge, you earn **1 Connector Point**. Note: you must complete a full 60 second game (and not strike out) to earn your Connector Points.

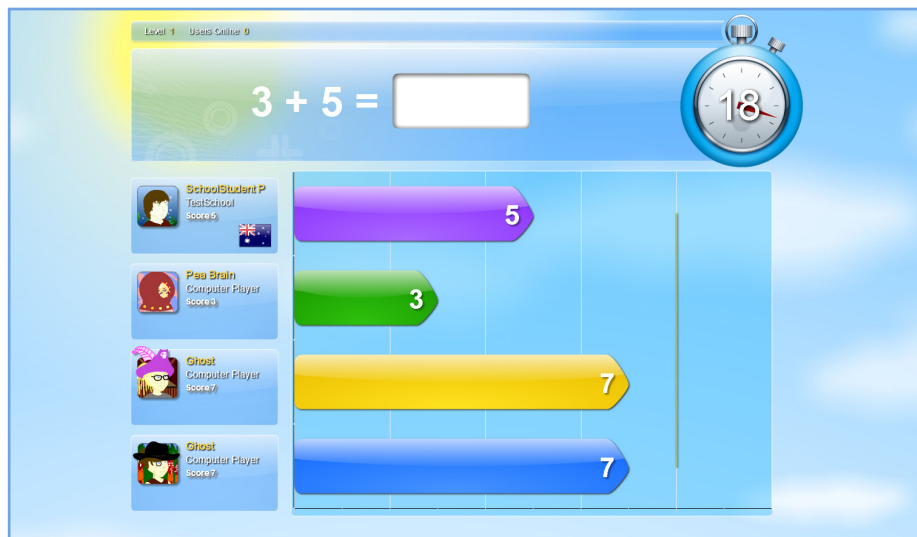


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### The Live Game

- 01 Once a Live Mathletics game begins, your avatar and up to three other players will display in the left of the screen. You could be matched with another student on the other side of the world, or just around the corner!
- 02 **Your goal is to correctly answer as many questions as you can in 60 seconds.** Be careful though, three incorrect answers and you'll strike out – game over! You will be able to follow your progress as your bar races across the screen – keep an eye out for your opponents too!
- 03 When the race finishes, you will be able to review all of your answers and your final position will be confirmed. Didn't reach the finishing line first? Don't worry, there's always next time!



#### EARNING POINTS

Live Mathletics is a great way to add points to your total and earn your weekly certificate. Each correct answer earns **1 point**. Enter a race in the bonus level and this will double to **2 points** per correct answer.



#### EARNING CREDITS

Win your race and you will be awarded **5 extra credits** to spend in the Mathlete Shop. Keep an eye out for a vertical red line appearing in the race area – this is your current high score. Beat this and you will be awarded with **10 extra credits**.