

Like thousands of other schools in the UK/World, your school has subscribed to MathsWatch. They definitely do care very much about you.

MathsWatch is an online resource giving you access to various tools to help towards achieving your full potential at Mathematics. Depending on your school's subscription, you will have access to one or more of the following:

AS Level "Pure Core" (covering PC1 and PC2)

GCSE (covering the GCSE Grade 1-9 Curriculum or Grade A*-G for WJEC)

KS3 (covering the KS3 National Curriculum)

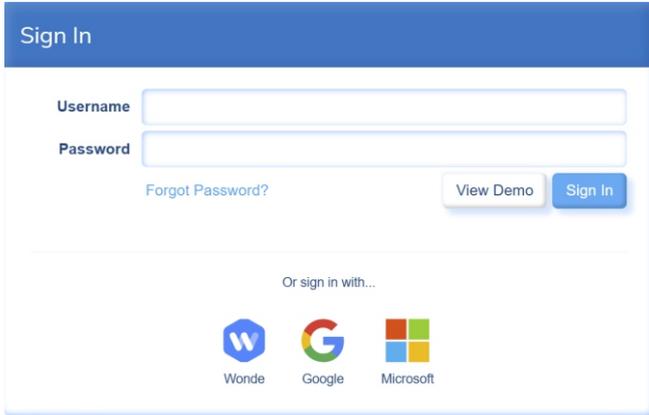
Primary (covering most of the KS2 National Curriculum)

With MathsWatch, you can now access video tutorials which explain topics just like a teacher would at the board. You can independently practise real exam-style questions (GCSE, KS3 and Primary only) with instant feedback on your performance. Finally, you can also complete assignments set by your teacher with instant feedback provided to both you and your teacher.

First things first, let's log in

Please navigate to vle.mathswatch.co.uk using your preferred browser (we do recommend Google Chrome but IE, Safari and others should work just as well).

You will be presented with this login page:



The screenshot shows the 'Sign In' page of MathsWatch. It features a blue header with the text 'Sign In'. Below the header are two input fields: 'Username' and 'Password'. To the right of the 'Password' field are two buttons: 'View Demo' and 'Sign In'. Below the input fields is a link that says 'Forgot Password?'. At the bottom of the page, there is a section titled 'Or sign in with...' with three icons: 'Wonde' (a blue circle with a white 'W'), 'Google' (the multi-colored 'G' logo), and 'Microsoft' (the four-colored square logo).

Use the login details given by your teacher.

If your school has opted for a generic password for all its students, we strongly recommend you changing it after your first login.

To do that, click on  in the top-right corner

and then choose "My Details" from the drop-down menu.

Student/Parent Guide

You will be presented with this screen:

My Account Details

Username jamesbond@myschool
 First Name James
 Surname Bond
 Class 7Ma1
 Email jamesbond@myschool.org
 Password Leave blank if you don't wish to update this
 Password (again) Leave blank if you don't wish to update this
 Hide my name on leaderboards

Save Changes

Enter your new chosen password (twice) and save. Please note that your password must be a minimum of 6 characters long. If you ever forget your password, please contact your teacher. They will be able to reset it.

Assigned tasks

After a successful log in, you are always presented with your "My Work" section.

 "Mathematical Notations" is due in 1 day. click here to complete

Please check your assignments below, you have 1 unread message

Assigned Work

This Year's Work
All Work
Showing All Types ▾

Homework Average 97.3%

Test Average 0%

| Title | Type | Assigned | Due | Marks | % |
|------------------------|------|------------|------------|-------|------|
| Reading Scales | HW | 29/09/2017 | 06/10/2017 | | |
| Mathematical Notations | TEST | 25/09/2017 | 05/10/2017 | | |
| Ordering Numbers | HW | 22/09/2017 | 29/09/2017 | 24/26 | 92% |
| Place Value | HW | 15/09/2017 | 22/09/2017 | 11/11 | 100% |
| Pythagoras | HW | 26/07/2017 | 09/09/2017 | 34/34 | 100% |

Here you can see the list of tasks assigned to you by your teacher along with their due date.

You can see the scores of assignments you have already completed.

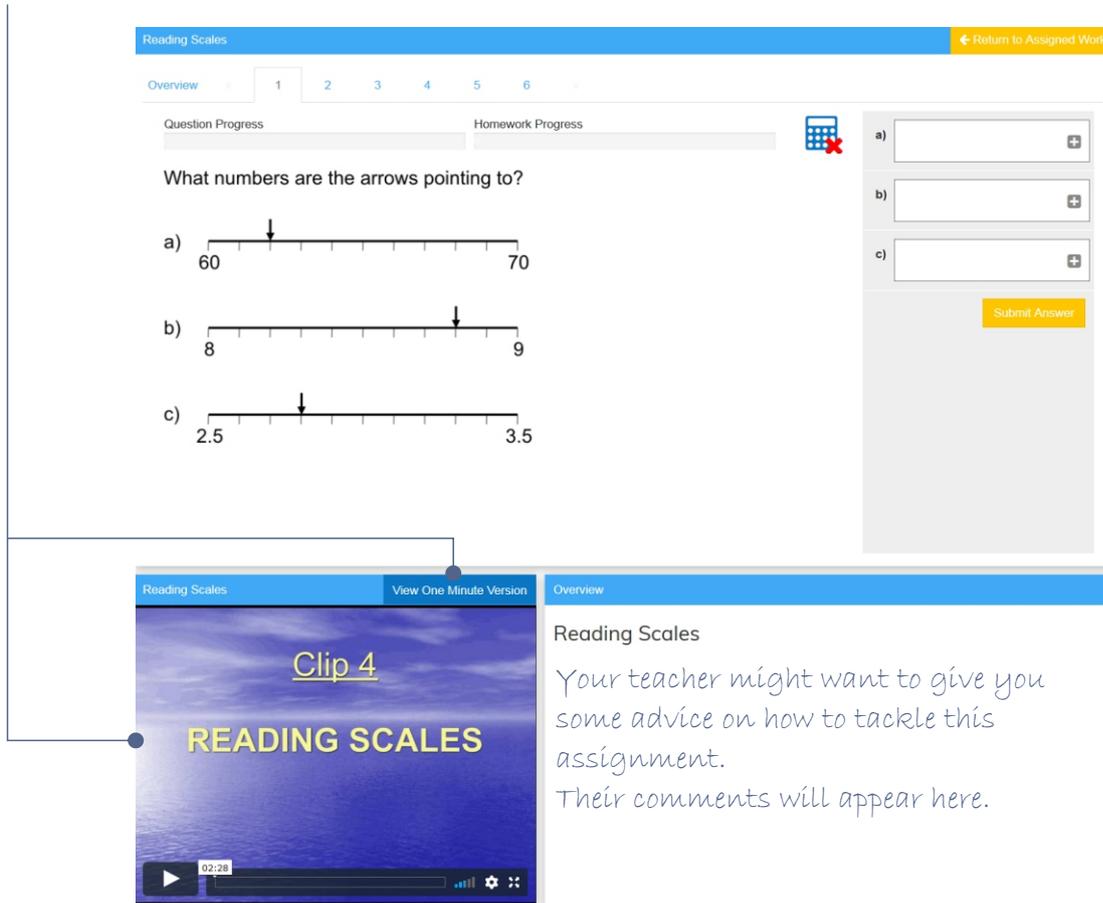
Your teacher is able to leave feedback to help with some of the questions you found challenging. You can even respond and request more help if needed.

Finally, you will also be reminded of any tasks still due by colour-coded banners.

You just have to click on a task to open it.

Two types of tasks can be assigned by your teacher: **homeworks** and **tests**.

Homeworks can be attempted as many times as you like until the due date. Your teacher will have access to your score at the end of each attempt. To help you with the completion of the task, the video explaining the topic will always be available to play just beneath the questions.



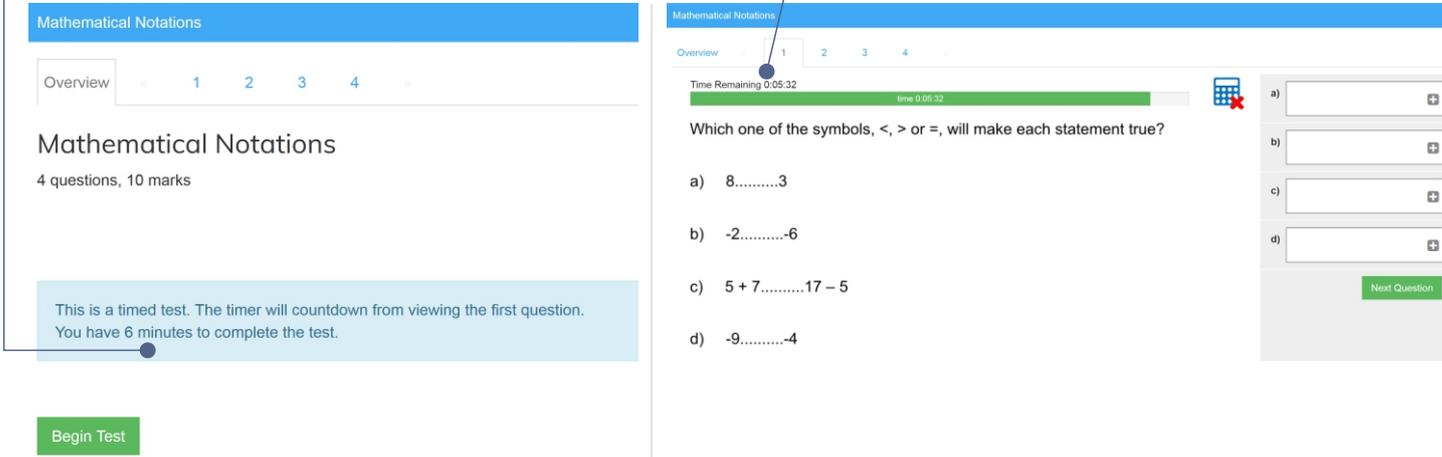
The screenshot shows a homework question titled "Reading Scales" with a "Return to Assigned Work" button. The question asks "What numbers are the arrows pointing to?" and includes three number lines:

- a) A number line from 60 to 70 with an arrow pointing to 65.
- b) A number line from 8 to 9 with an arrow pointing to 8.5.
- c) A number line from 2.5 to 3.5 with an arrow pointing to 3.

 To the right are three input boxes labeled a), b), and c), and a "Submit Answer" button. Below the question is a video player titled "Clip 4 READING SCALES" with a play button and a 02:28 timer. To the right of the video is a comment box with the text: "Your teacher might want to give you some advice on how to tackle this assignment. Their comments will appear here."

Tests are a little more constrained.

They are timed, you only get one attempt, the video covering the topic is not displayed and they get automatically submitted once the allocated time has run out (please note: the countdown starts as soon as you access one of the questions and it cannot be stopped/paused).



The screenshot shows a timed test interface for "Mathematical Notations" with 4 questions and 10 marks. A "Begin Test" button is at the bottom left. A light blue box contains the text: "This is a timed test. The timer will countdown from viewing the first question. You have 6 minutes to complete the test." The main question asks "Which one of the symbols, <, > or =, will make each statement true?" and lists four options:

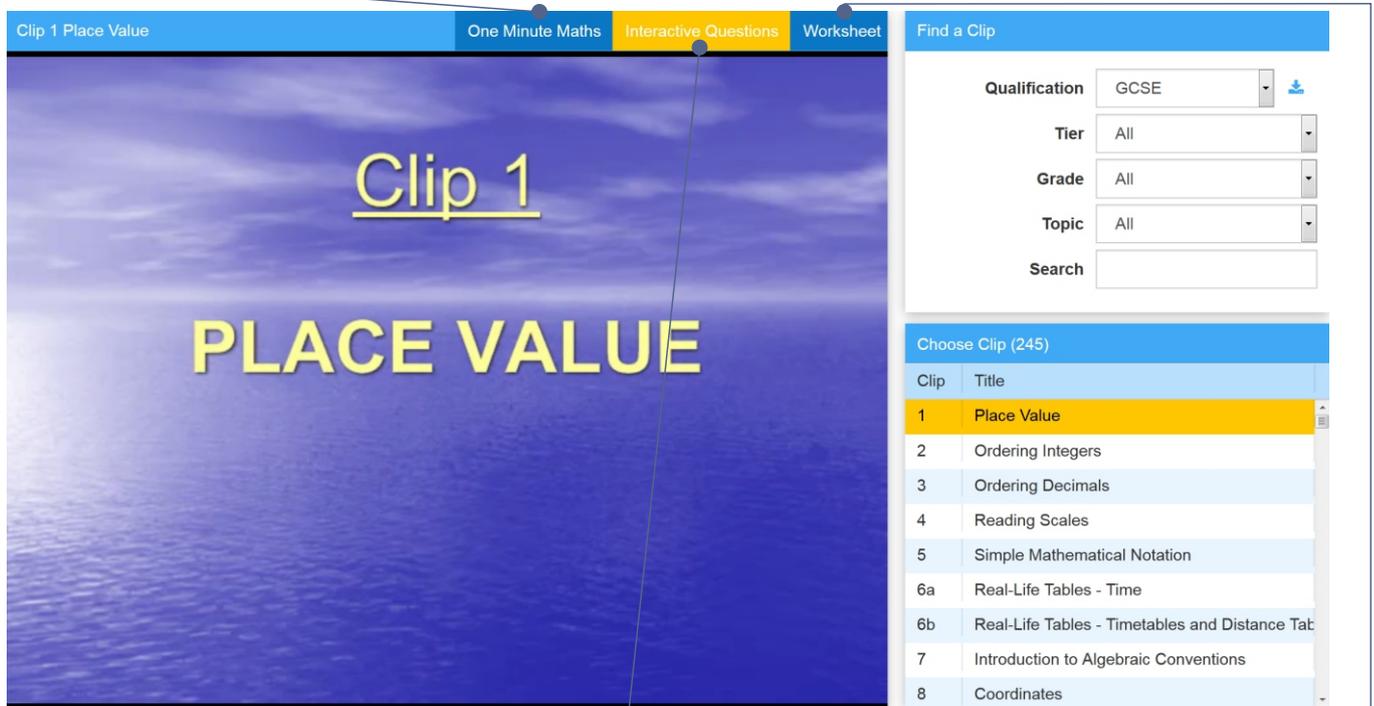
- a) $8 \dots\dots\dots 3$
- b) $-2 \dots\dots\dots -6$
- c) $5 + 7 \dots\dots\dots 17 - 5$
- d) $-9 \dots\dots\dots -4$

 To the right are four input boxes labeled a), b), c), and d), and a "Next Question" button. A timer at the top right shows "Time Remaining 0:05:32" with a green progress bar.

Working independently

The “Videos” section gives access to lessons covering your curriculum.

Each lesson comes in two versions (GCSE only). A full-length explanation video and a One-Minute version ideal for quick revision.



The screenshot shows the MathsWatch interface. At the top, there are navigation tabs: 'Clip 1 Place Value', 'One Minute Maths', 'Interactive Questions', and 'Worksheet'. The main area displays a video player with the text 'Clip 1' and 'PLACE VALUE' in large yellow letters. To the right, there is a 'Find a Clip' sidebar with dropdown menus for 'Qualification' (GCSE), 'Tier' (All), 'Grade' (All), and 'Topic' (All), along with a search box. Below this is a 'Choose Clip (245)' table with the following content:

| Clip | Title |
|------|--|
| 1 | Place Value |
| 2 | Ordering Integers |
| 3 | Ordering Decimals |
| 4 | Reading Scales |
| 5 | Simple Mathematical Notation |
| 6a | Real-Life Tables - Time |
| 6b | Real-Life Tables - Timetables and Distance Tab |
| 7 | Introduction to Algebraic Conventions |
| 8 | Coordinates |

You also get access to a bank of interactive questions allowing you to test your newly acquired skills with real exam-type questions. With immediate feedback and the ability to even mark your working when needed, our system is the only one of its kind. You will get a realistic experience of what answering all types of exam questions is really like.

Please note that our marking bots have been programmed to attribute marks just like a human examiner would. If at any stage you feel that your answers aren't getting the correct amount of marks, please speak to your Maths teacher. They will either find what is missing/wrong in your answer or simply contact us to have it fixed.

Finally, as if this wasn't enough, you also have a PDF worksheet full of practice questions available. Most schools make the answers to these available on their own VLE. Alternatively, speak to your teacher and they will guide you on how best to use these extra questions.

Tips and advice tutorials:

How to type powers



How to type fractions



How to type mixed numbers



How to use the construction tools



You will find in the “Extras” section help on how to input certain type of answers and on how to use our construction tools.

Interactive questions

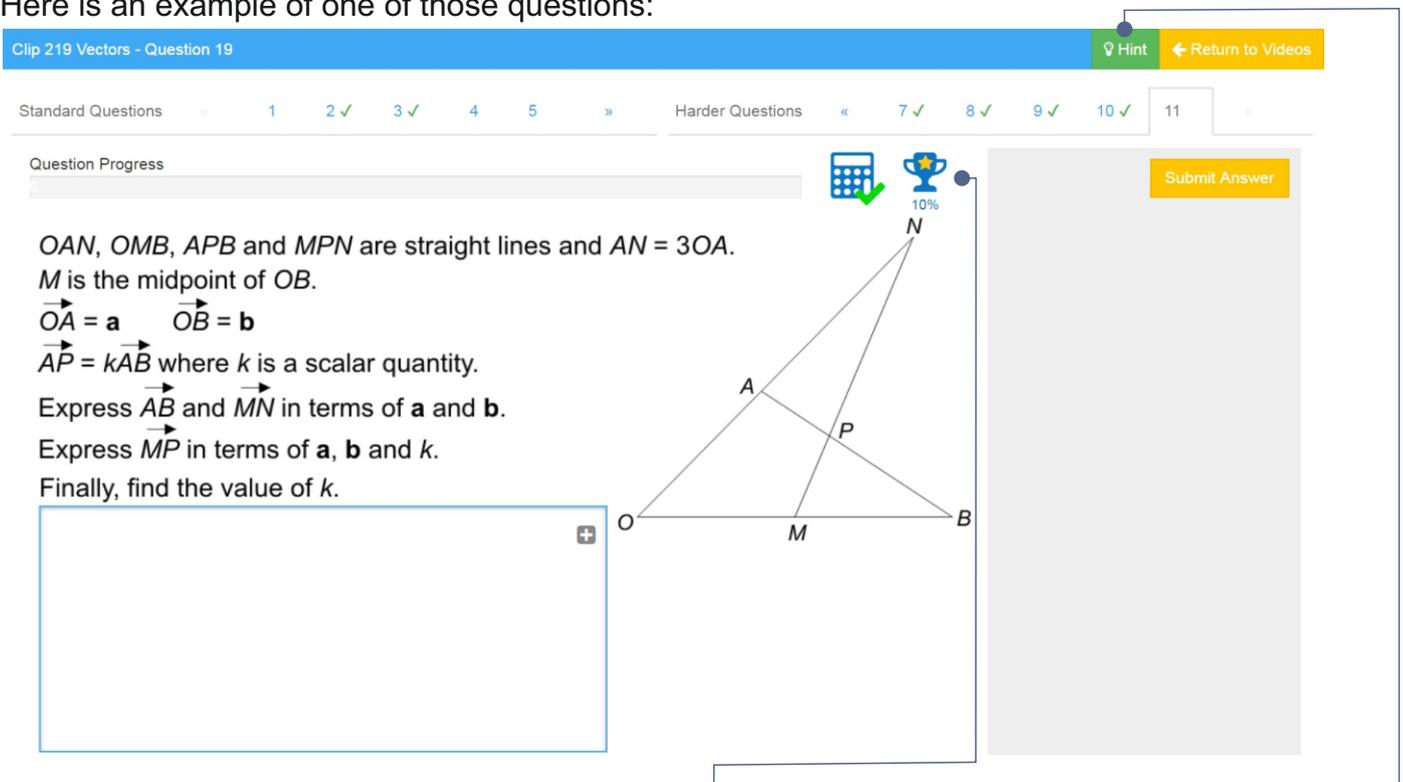
Our interactive questions have been designed with the sole aim of providing you with the most realistic experience of what exam questions are really like.

You will therefore find a rich variety of question types involving:

- Multiple choice answers
- Single answer inputs
- Multi-step answers
- 'Show that' answers
- Drawing answers

Many of our multi-step questions will require you to show your working in order to score full marks, just like in a real exam. Our marking bots have been programmed to mark your answer just as an examiner would.

Here is an example of one of those questions:



Clip 219 Vectors - Question 19 Hint Return to Videos

Standard Questions 1 2 ✓ 3 ✓ 4 5 Harder Questions 7 ✓ 8 ✓ 9 ✓ 10 ✓ 11

Question Progress

OAN, OMB, APB and MPN are straight lines and $AN = 3OA$.
 M is the midpoint of OB .
 $\vec{OA} = \mathbf{a}$ $\vec{OB} = \mathbf{b}$
 $\vec{AP} = k\vec{AB}$ where k is a scalar quantity.
 Express \vec{AB} and \vec{MN} in terms of \mathbf{a} and \mathbf{b} .
 Express \vec{MP} in terms of \mathbf{a} , \mathbf{b} and k .
 Finally, find the value of k .

Submit Answer

10%

You will have noticed the trophy icon with its percentage value. This informs you of the success rate of all MathsWatch users who have attempted this question so far and therefore gives you a good indication of the challenge it presents.

For our most challenging questions you will also find a 'Hint' tab to help you if needed. Simply hover over it with your mouse to reveal one or two hints to help you on your way.

We sometimes hear this comment from students about our marking: *"I am sure I got it right but MathsWatch is marking it wrong and not giving me all the marks!!!"*

In **99.9%** of the cases, if MathsWatch marks it wrong (or only gives partial marks) then a real examiner would probably do the same. If this happens, please see your teacher. They will soon find out why your answer isn't getting full marks. Or, they will contact us to query the answer on your behalf. Please note that we are unable to treat requests emailed to us directly by students.

Answering multi-step questions

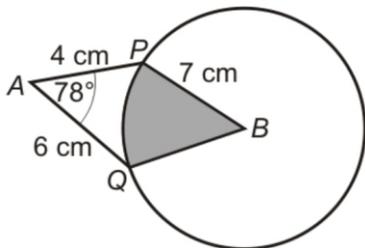
The type of questions students often find the hardest to tackle are the multi-step ones. Here is an example:

Question Progress



Submit Answer

The point B is at the centre of the circle.
The points P and Q are on the circumference of the circle.



Calculate the area of the shaded sector.
Take π to be 3.142 in your working.
Give your final answer to 1 decimal place.

The ingenuity of MathsWatch is that it lets you submit each of your working steps, informing you whether or not you are heading in the right direction. A bit like a teacher would.

Here I tried using the cosine rule and clicked "Submit Answer". The 2 marks allocated suggest I am on the right path:

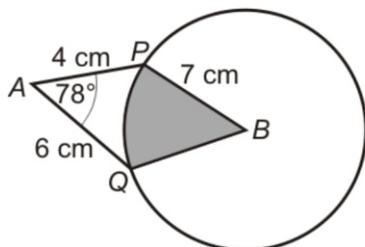
Question Progress

2 / 9 Marks



Submit Answer

The point B is at the centre of the circle.
The points P and Q are on the circumference of the circle.



Calculate the area of the shaded sector.
Take π to be 3.142 in your working.
Give your final answer to 1 decimal place.

$PQ^2 = 6^2 + 4^2 - 2 \times 6 \times 4 \times \cos 78^\circ$

Encouraged with these first 2 marks, I carry on with my working and submit my next line:

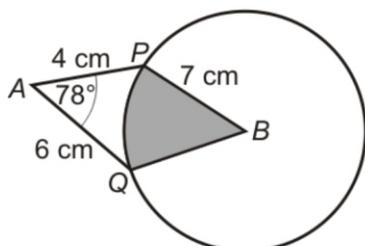
Question Progress

4 / 9 Marks



Submit Answer

The point B is at the centre of the circle.
The points P and Q are on the circumference of the circle.



Calculate the area of the shaded sector.
Take π to be 3.142 in your working.
Give your final answer to 1 decimal place.

$PQ^2 = 6^2 + 4^2 - 2 \times 6 \times 4 \times \cos 78^\circ$
 $PQ^2 = 42.02$ so $PQ = 6.48$

Yes!!! I can do this. I can now merrily proceed with my logical steps until I achieve the full 9 marks for this question.

Only MathsWatch can cope with such a level of sophistication and guidance when it comes to helping you achieve your true potential. So from now on, when it comes to Maths revision, don't just watch it, MathsWatch it!!!

Keeping track

The “*My Progress*” section will help you stay in control of your progress and achievements.



| Search By Video Name | | Qualification | Tier | Grade | Topic | Time Period | |
|----------------------|-------|---|-----------------|-------|-------|-----------------------|-----------------|
| Search Videos | | GCSE | All | All | All | All | |
| # | Skill | Video | Last Watched | Views | OMM | Interactive Questions | Last Attempted |
| 1 | ★ | Place Value | 9:15 11/9/2018 | 1 | 0 | 29 / 29 | 21:02 11/9/2018 |
| 2 | ★ | Ordering Integers | | 0 | 1 | 11 / 11 | 21:14 11/9/2018 |
| 3 | ★ | Ordering Decimals | 18:07 12/9/2018 | 1 | 0 | 20 / 20 | 15:50 13/9/2018 |
| 4 | ★ | Reading Scales | 17:41 10/9/2018 | 1 | 0 | 17 / 17 | 16:09 13/9/2018 |
| 5 | ✓ | Simple Mathematical Notation | 15:53 13/9/2018 | 1 | 0 | 20/25 | 16:17 13/9/2018 |
| 6a | ★ | Real-Life Tables - Time | 16:50 13/9/2018 | 1 | 0 | 23 / 23 | 16:58 13/9/2018 |
| 6b | ★ | Real-Life Tables - Timetables and Distance Tables | 18:40 13/9/2018 | 1 | 0 | 19 / 19 | 18:50 13/9/2018 |
| 7 | ★ | Introduction to Algebraic Conventions | | 0 | 0 | 17 / 17 | 18:55 13/9/2018 |

Using the various filtering options, you can quickly identify your areas of strength and those in need of further development.

Clicking on the column headers can also help you sort the data in a more convenient way. This can be used very effectively to quickly remind yourself of which topics you recently covered, as well as of those that you haven't tackled yet.

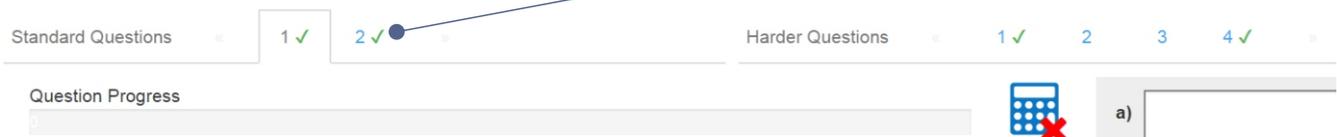
You can also get acknowledgement of your independent efforts by ‘**Acquiring**’ and ‘**Mastering**’ skills.

To Acquire a skill, simply watch fully its video and then successfully complete 2 Standard Interactive Questions and 2 Harder Interactive Questions.

A skill is Mastered by correctly answering all its Interactive Questions.

Please note that the “*My Progress*” page only records the activity undertaken independently. Results of questions attempted within your assignments are not included here.

Whether it is to improve your interactive questions score or just to refresh your memory on a topic, you will revisit videos and questions from time to time. To help you optimise your time and efforts, the system will remind you of which questions you have already successfully attempted in the past. This will be done with a green tick appearing on the question tab:



Here for instance, I can see that I have already managed to get 4 out of these 6 questions correct on a previous visit. I might now want to focus on the 2 remaining questions that I am yet to answer correctly or re-attempt them all if I wish.

Please be aware that your last attempt's score to a question will always prevail on what is kept on records.

FAQ

I've forgotten my password, can you email it to me please?

I'm afraid that for obvious safety reasons, we can't.

As mentioned earlier, please contact your teacher. They will be able to reset it for you.

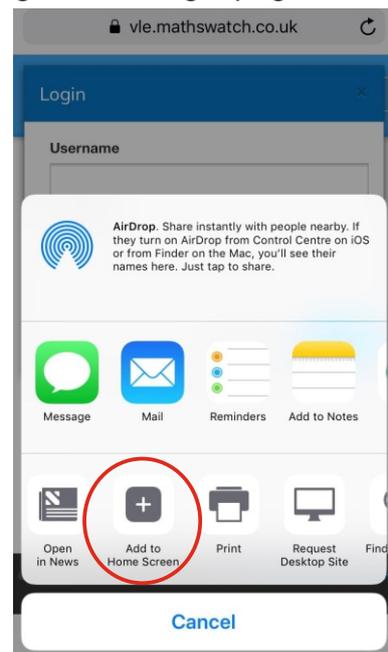
I entered the correct answer but the system is marking it wrong. What shall I do?

Take a screenshot of your answer and show it to your teacher. They will either find what is missing/wrong in it or contact us to have it fixed. It is unlikely that our marking is wrong but it does occasionally happen. Any requests received **from teachers** are usually analysed and corrected within the hour. Please note that we are unable to treat requests sent to us directly by students.

Is there an App I can download on my phone/tablet?

MathsWatch is a fully responsive platform, no need for an App to use it on any SMART device. Instead, just navigate to **vle.mathswatch.com** using your preferred browser and enter your user details just like you would on a PC/Laptop (most devices will offer to save your login details for next use). The website adapts to any screen size so it looks consistently good on mobiles, tablets and desktops.

For quick access, you can add a MathsWatch icon linking straight to the login page from your homescreen. Here is how to do it on iOS devices with Safari:



A similar option is available for Android devices.

Can I thank you for your brilliant resource, as it really helped me achieve my grade?

Of course you can. We do welcome and love unsolicited testimonials like yours.

Who knows? With a bit of luck, your comment might even appear on our website or on our next flyer.