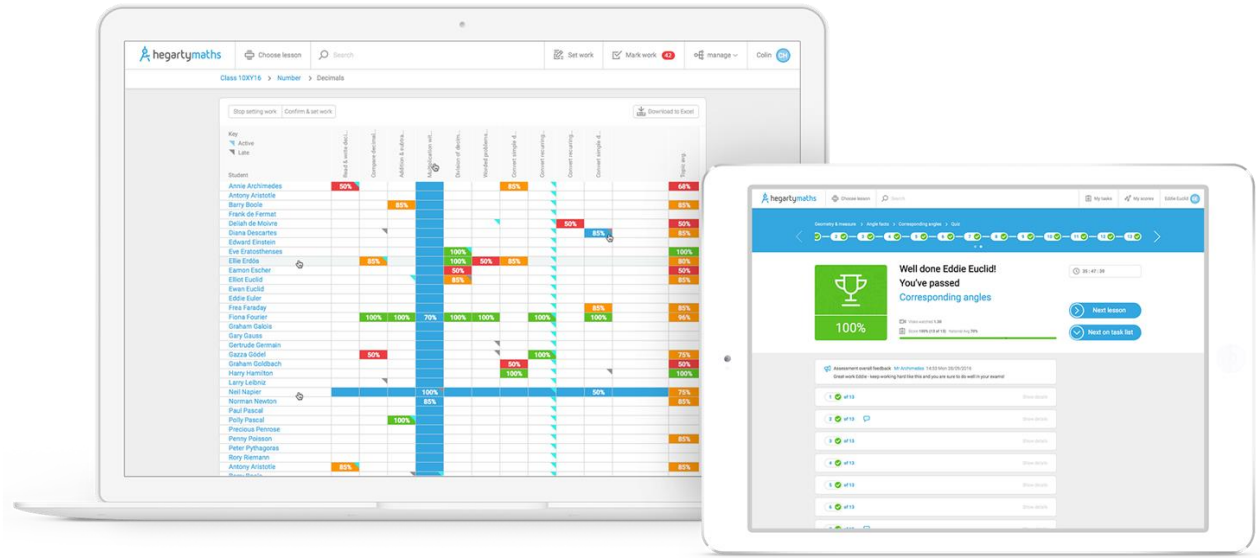
hegartymaths



Ensuring your child thrives at home with their maths...

What is hegartymaths?

HegartyMaths is the best way for your child to learn maths on their own at home.

1. Every single topic in school maths (850+) is explained in 10 minute video tutorials designed and delivered by, Mr Colin Hegarty. Mr Hegarty is an-award winning teacher who won UK Teacher of the Year 2014 and was nominated in the top 10 teachers in the 2016 Global Teacher Prize. Your child does not have to feel stuck at home as Mr Hegarty can explain any topic to them.

1. After every video, HegartyMaths, has an assessment with questions covering everything taught in the video so students can practise and ensure they understand the maths Mr Hegarty just presented.

1. HegartyMaths records everything your child ever does on the system (their progress and effort), reporting it back to the teacher and to the child so it's clear what their strengths and weaknesses are and how hard they are working.

1. HegartyMaths allows a parent to see everything their child needs to learn and support them. Often parents who may be unsure of the schools methods like to watch the videos along with their child and understand the techniques their child needs to know.

1. HegartyMaths, remembers all the child's mistakes and gives them practice on their weaknesses so they can do impactful independent learning.

The whole curriculum is online for your child to have access to.

Who is this Mr Hegarty of hegartymaths?

Mr Hegarty…

1. … loves maths and teaching it and knows that any student can do well in maths if they work hard.

1. was the first person ever in his family to go to University where he got a First in Maths from Oxford University (he believes he was not special or that clever -> he just had good teachers and worked hard!)

1. ...became a secondary school maths teacher (his dream job!) as it was his ambition to help any student do well in maths.

1. … has won teaching awards and been on TV talking about how much he loves maths and wanting kids to do well!

Mr Hegarty meeting the Prime Minister with his students from Wembley.

Mr Hegarty on BBC breakfast and Good Morning Britain talking about maths.

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Our school's home learning routines…

1	Your child will always be set at least one homework a week by their teacher on either Hegarty Maths or Century
2	Your child's teacher will choose the lesson they want them to learn and will pick it so that they are revising an important maths revision topic. As such, they will have already probably covered it in class but might have forgotten. Their home learning is to revise as, to be a great learner, it's important that your child revises as a habit and not just before tests!
3	Your child needs to spend **between 30 minutes and 45 minutes** on their homework as this shows effort and commitment and will ensure that they do quality homework.
4	Your child will always be expected to i) watch the video + take notes; ii) write down their quiz workings neatly; iii) mark their own work, make corrections and write down their score at the end.
5	Homework will be checked by your child's teacher in class once a week.

What does home learning on hegartymaths look like?

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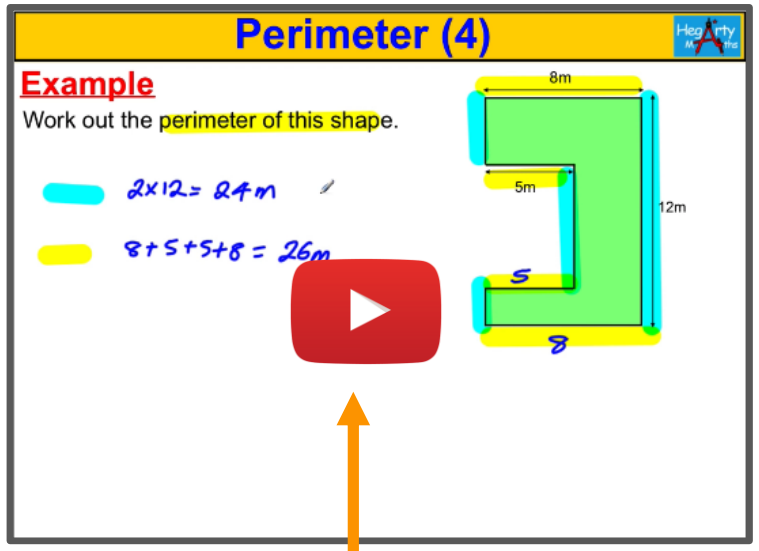


551 - Perimeter (4)

Learn how to find the perimeter of a compound shape.

Video watched **0.00x**

Your score **New lesson** HegartyMaths avg **60%**

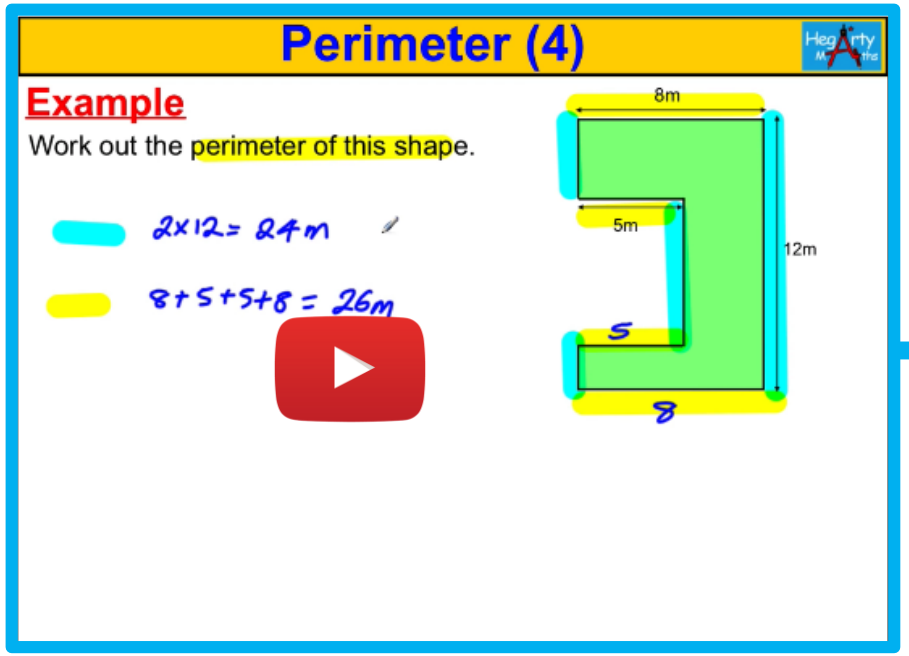
Do quiz

Step 1:
Video where Mr. Hegarty teaches your child everything they need to know about that topic & goes through all the examples that will be in the quiz.

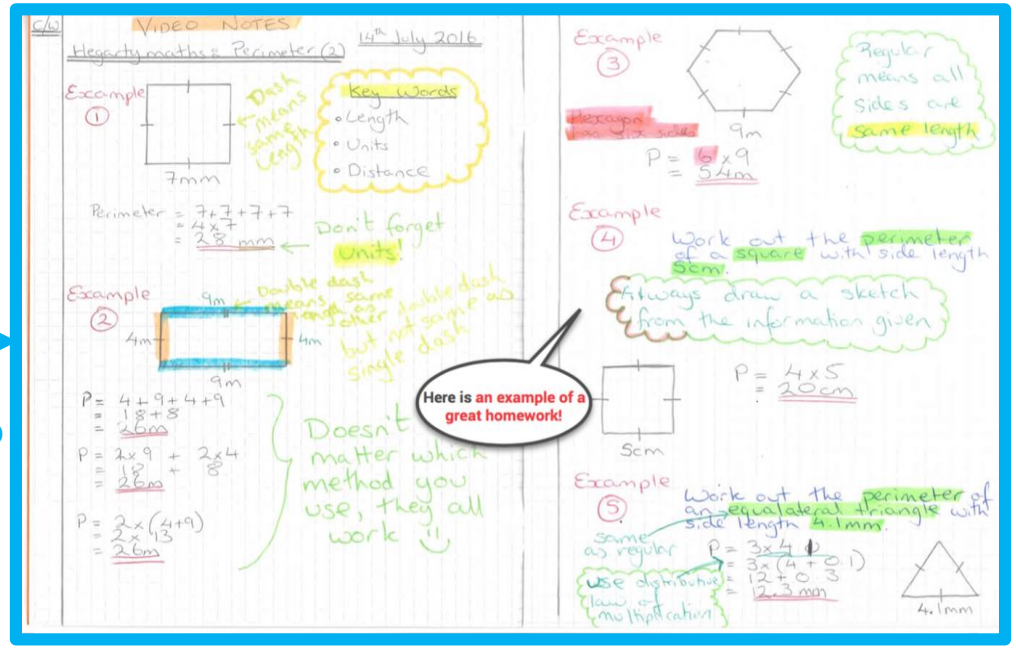
Step 2:
Quiz that will allow your child to practise all the examples in the video for themselves and know whether they understood what was in the video.

Step 1:

Watch the video, take notes of all modelled examples.



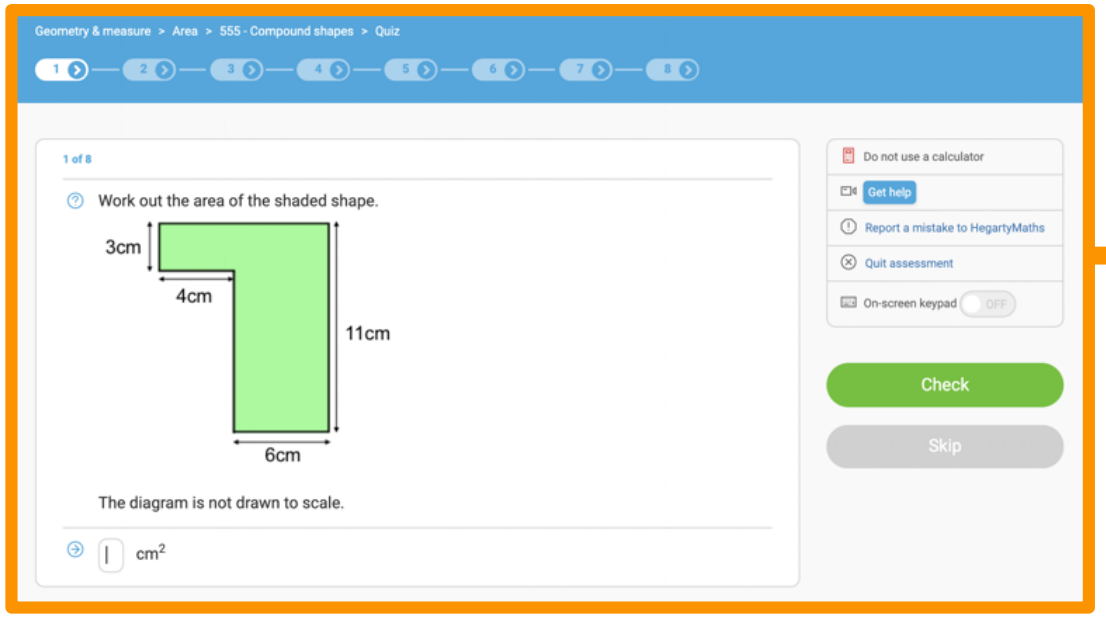
You will turn each video into fantastic note



Your child will **always** produce a set of well-written notes of all the modelled examples in the video as we want them to be an expert note-taker and to revise before they try the quiz. **If your child knows the material, they should still take the notes as it's a good habit and ensure they are producing revision notes every week.**

Step 2:

Assess your learning from the video in a quiz.

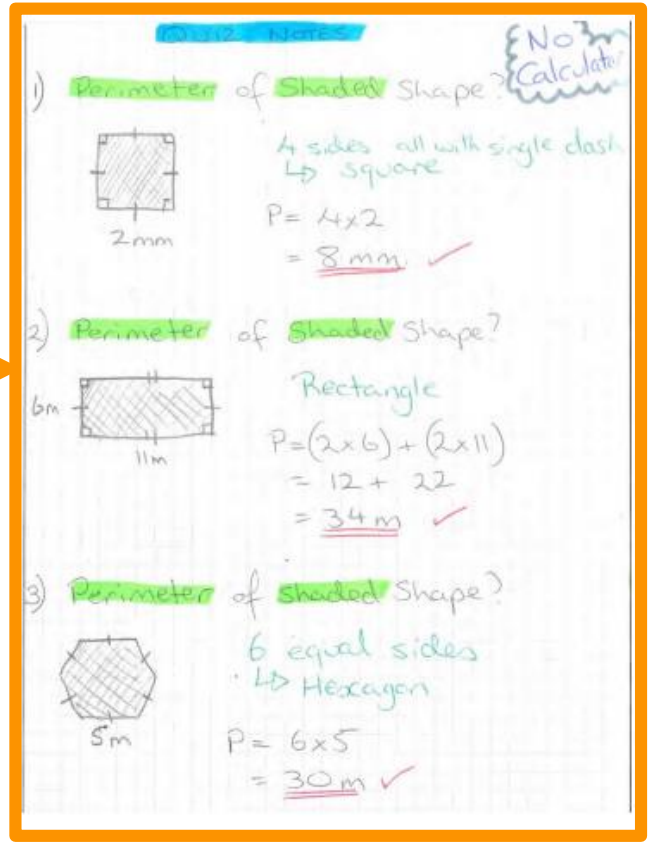


You need to:

1) Write down every Q

2) Always show all your workings

3) Always mark + self-correct your work

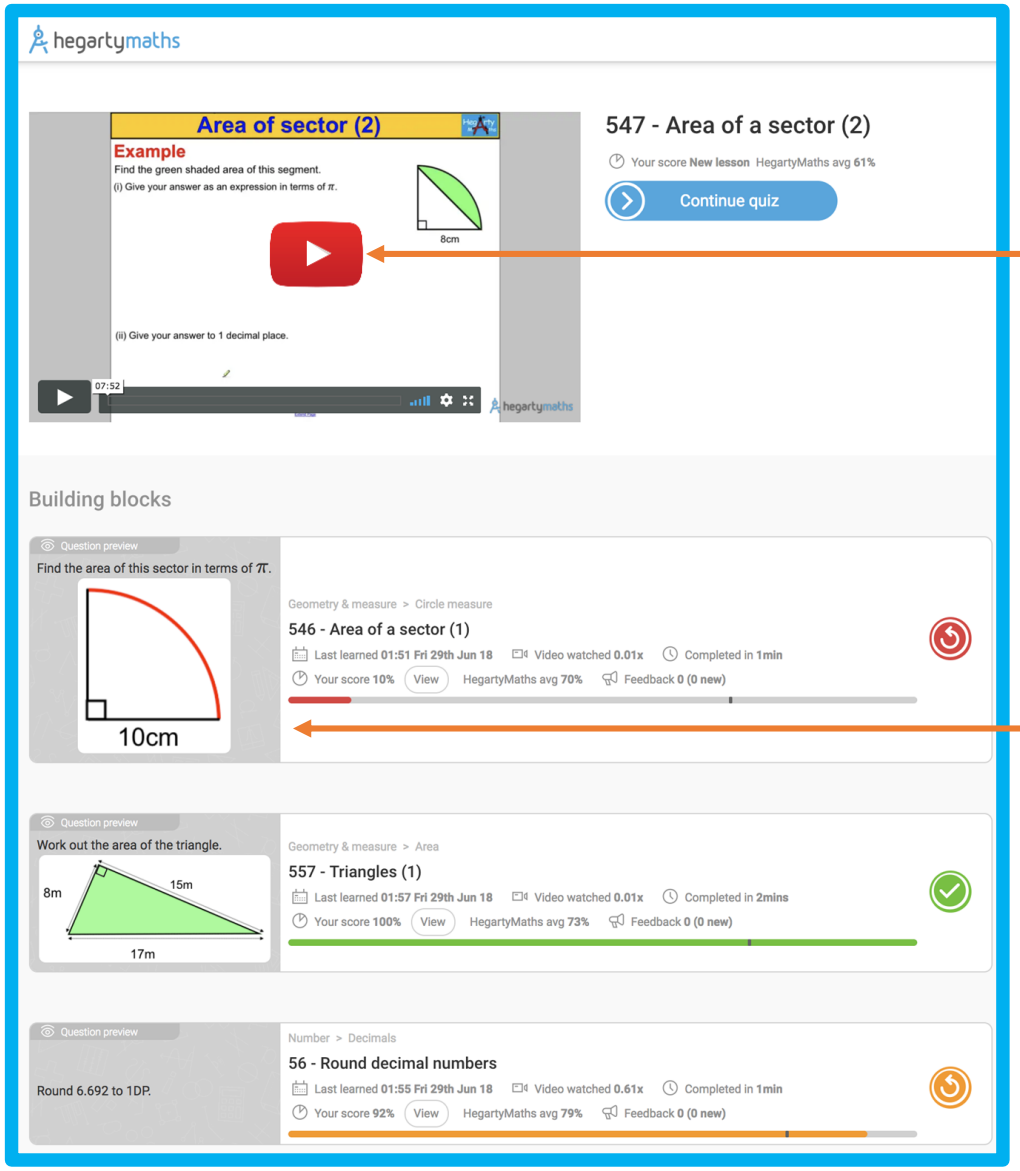


Your child will **always** show their workings and mark all questions they ever do. **If your child can do the question in their head they still need to show their workings as that is part of being a great mathematician.**

Student checklist for great home learning

	Action	✓ or ✗
1	I always write the date, title, clip number and H/W for all my tasks.	
2	I always watch the video before attempting the questions.	
3	I always take full notes of all the examples modelled in the video.	
4	I copy every question that I attempt in my book.	
5	I show all my workings for every question in the quiz that I do.	
6	I try to model my work the way I was shown in the video by Mr Hegarty.	
7	I use a pencil and ruler for all diagrams.	
8	I mark my work correct/incorrect as I go.	
9	I write down corrections when HegartyMaths tells me the correct answer.	
10	I write down my score at the end of quiz .	

What to do if your child is stuck on their home learning?

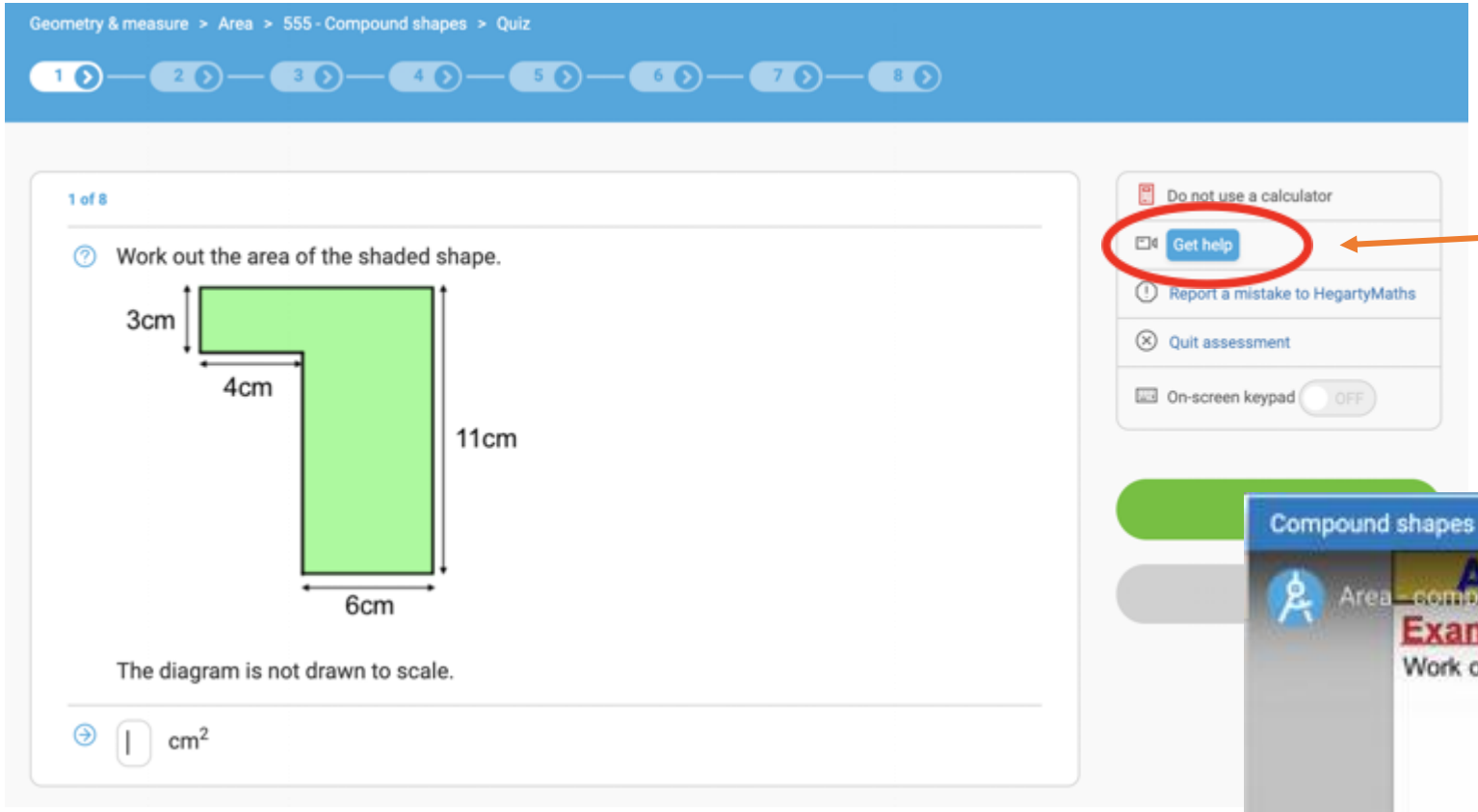


1) Watch the **video again** really carefully ensuring all examples are copied and see if hearing and writing it down a second time helps.

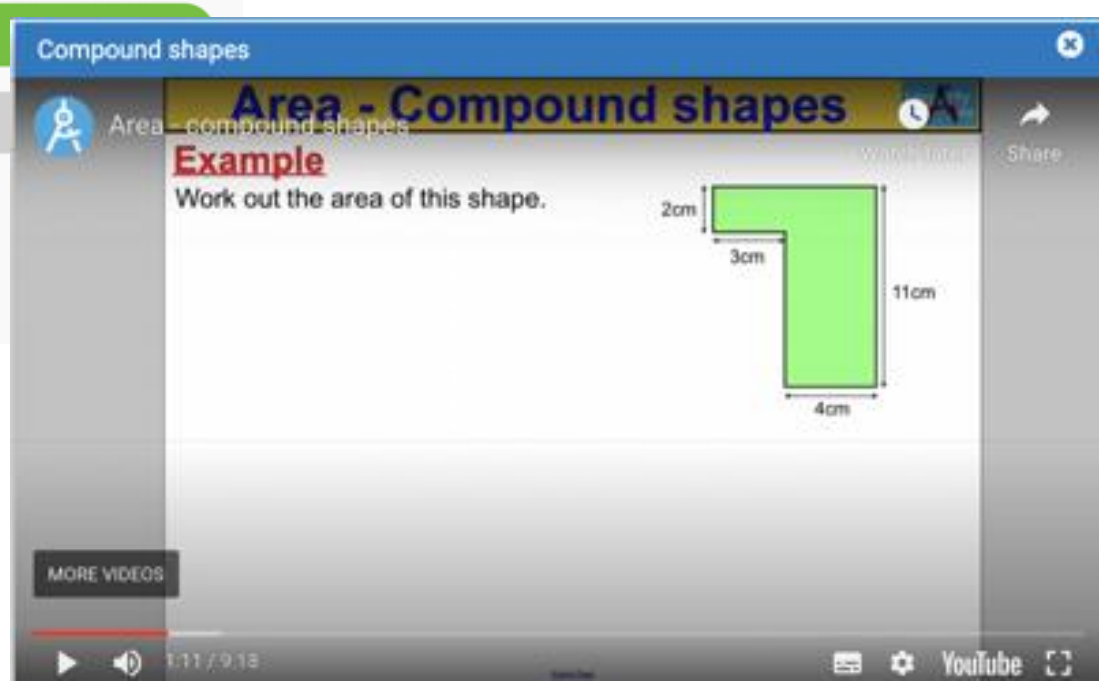
2) Look at the **building blocks.** These are the lessons that will help your child with their current home learning. If these are not at 100% or less than the hegartymaths avg. then they should recover those aspects to develop their learning.

In the picture, the student will struggle with quiz 547 as they have only 10% on lesson 546.

What to do if your child is stuck?



Your child can click here to get a walk-through of a really similar example from the video!



Why does your child always have to watch the video?

1) **Ensures your child will be successful:** Watching the video will ensure your child will do well in the quiz and feel good about their learning and maths. We don't want your child to feel like they are on their own at home and the videos will give you the support they need when their class teacher is not to hand.

1) **Helps improve their memory:** Copying down modelled examples helps your child remember their maths and get it into their long term memory.

1) **Method marks:** Copying down modelled examples helps your child practise how to lay out their maths properly to help them get questions correct and get extra method marks in exams even when they make mistakes.

1) **Good revision:** This is revision. When revising one sometimes has to look over material one already knows – that's just as important as learning new things as making old learning solid helps prevent students from forgetting things

1) **We thinks it's important as it helps your child be independent:** Doing maths at home with these good habits and methods will help your child become more independent and be able to learn on their own (a vital life lesson).

What happens when students decide not to watch the video?

1) **Students get stuck and frustrated:** Many students who just do the quizzes get really annoyed and frustrated with themselves as they make lots of mistakes and don't understand why or how to get better.

1) **Students stay at the same level:** Students who just practise questions only get questions correct on topics they already know and they get questions wrong for topics they don't know yet. They never improve. Watching the video means that for things you already know, you will secure that knowledge, and for things you don't know yet, you can learn and get better.

What happens when students use hegartymaths properly?

1) Students start enjoying maths and understand more in lessons.

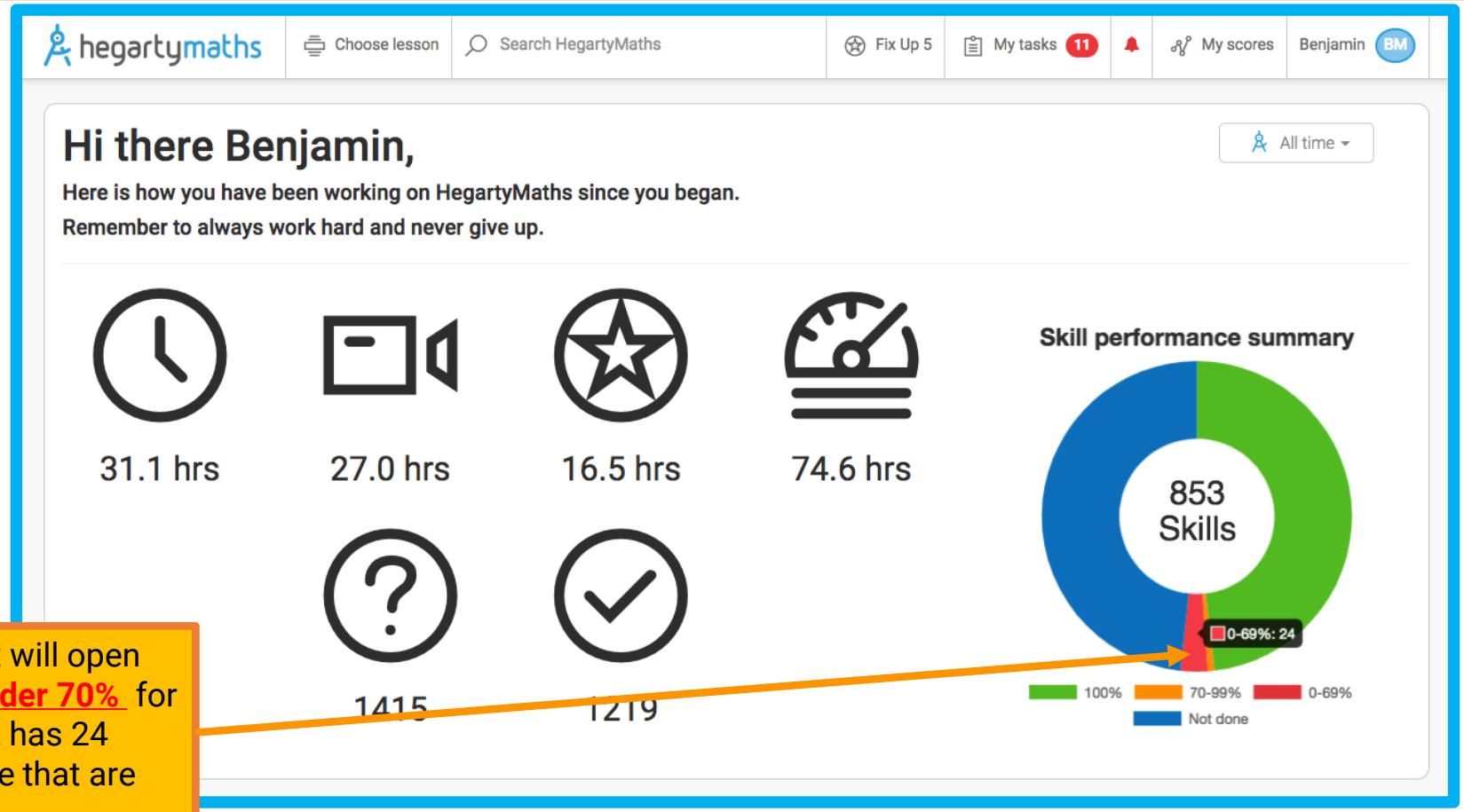
1) Students like doing their home learning as they feel successful.

1) Students do well in their exams.

This girl spent 89 hours on quizzes, 14 hours on videos and 10 hours doing Fix Up 5. She completed all lessons on the site at 100% and got a grade 9 having been predicted a 5.

What if your child has done all their home learning tasks – what else could they do?

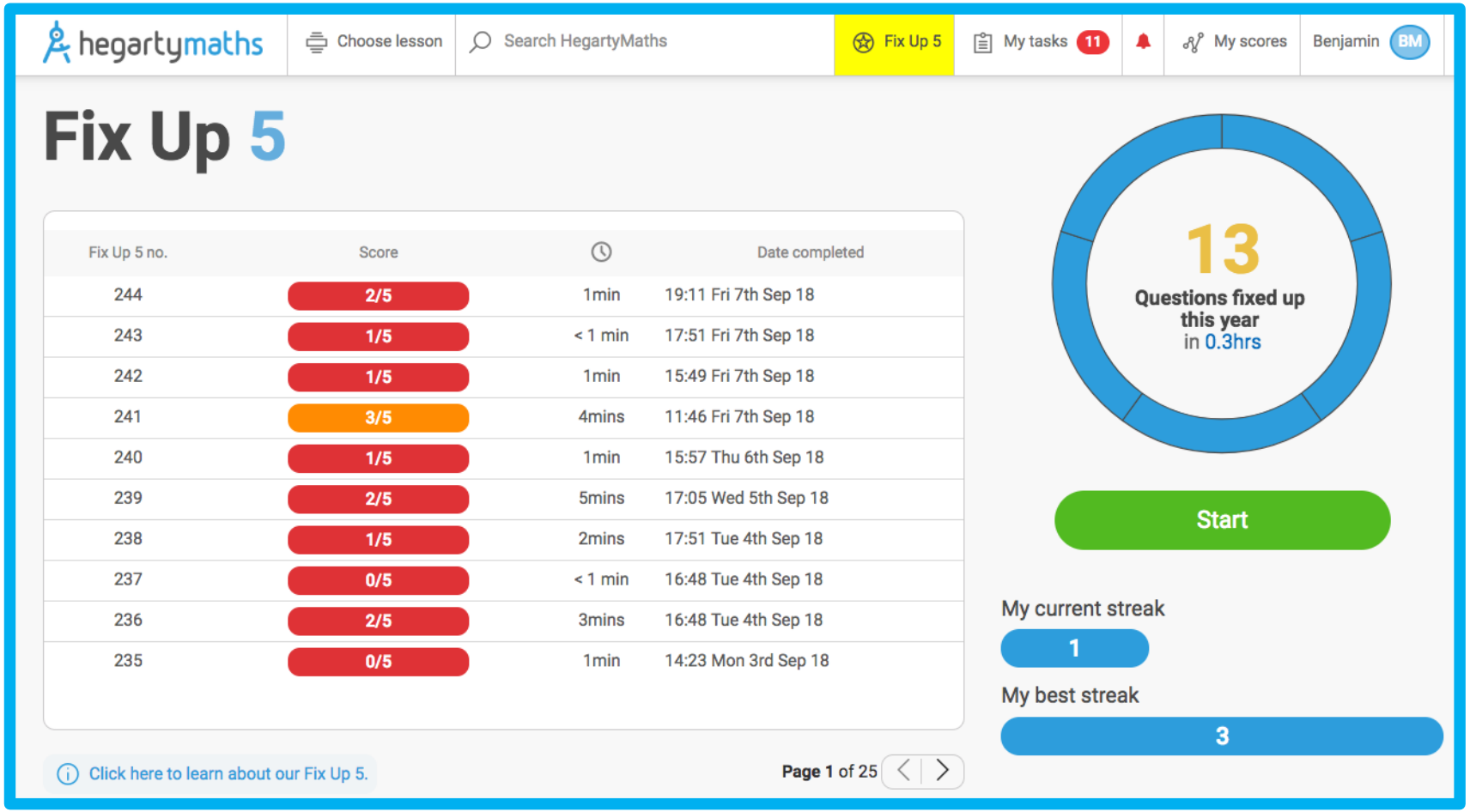
1) Use the donut to improve areas of development: Click the red section to find the quizzes they need to improve (**quizzes under 70%**) and redo them until they are amber (**quizzes over 70%**) or green (**quizzes at 100%**). Once they have made everything green or amber go back over the amber and try to get them to green.



Click the red section and it will open up any lessons that are **under 70%** for them to redo. This student has 24 lessons they could improve that are **red (under 70%)**.

What if your child has done all their home learning tasks – what else could they do?

2) Fix up 5: hegartymaths remembers every mistake your child has ever made and generates a quiz with 5 questions from different parts of maths that they need to develop.



What if your child has done all their home learning tasks – what else could they do?

3) Learn a new section: Their teacher may have given your child a revision list of clips so you can now use that to find a clip on hegartymaths that is appropriate for them. You child should watch the video and do the quiz for a clip they haven't done before.

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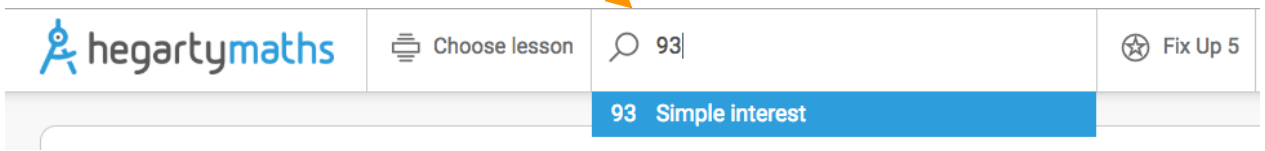
Foundation Skills List

Number

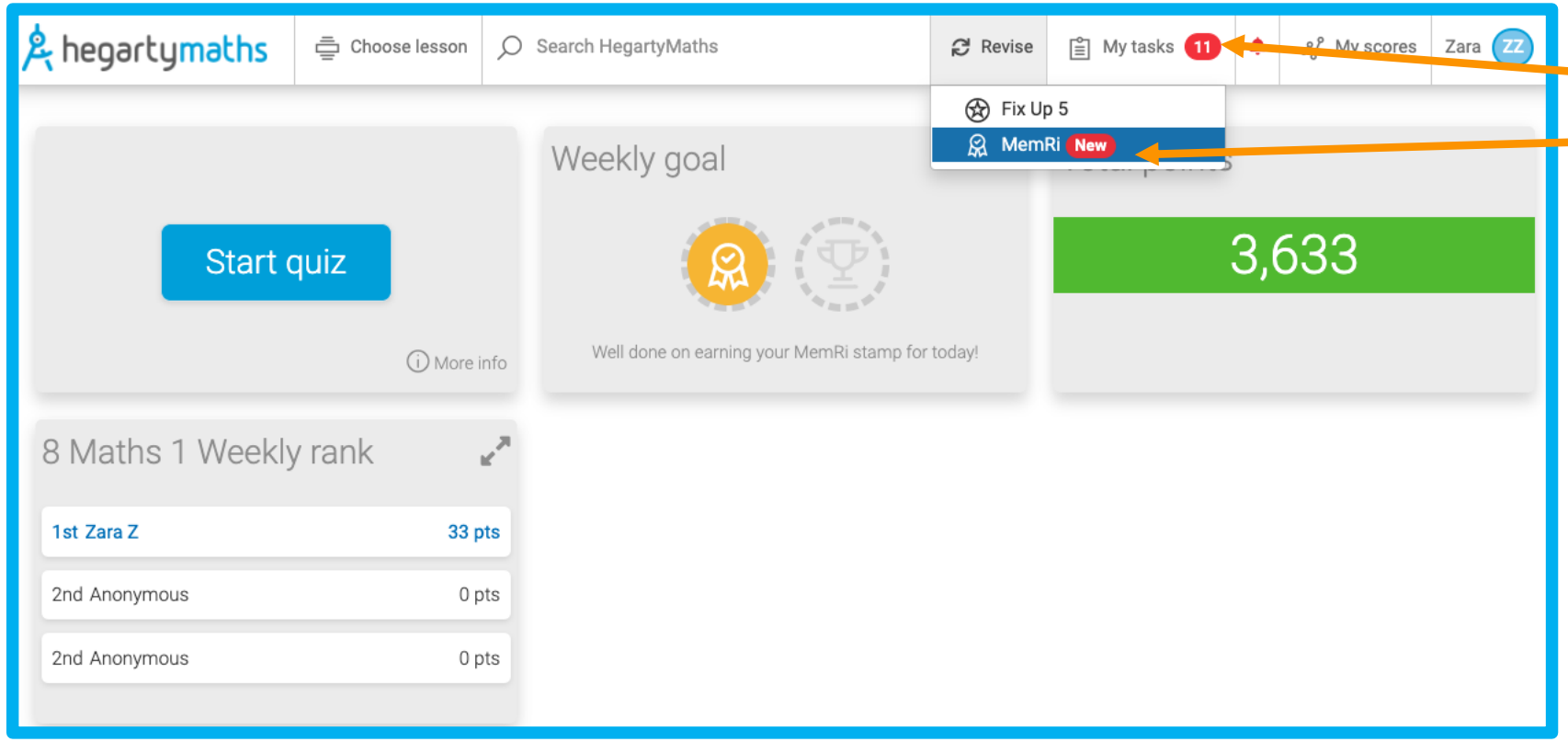
Topics	Clip Number
Ordering positive integers	13, 14
Ordering negative integers	37
Ordering decimals	45, 46
Ordering fractions	60
Addition and subtraction of positive integers	18, 19, 20
Multiplication and division of positive integers	21, 22, 23, 144, 145
Addition and subtraction of negative integers	38, 39, 40, 41
Multiplication and division of negative numbers	42, 43
Addition and subtraction of decimals	47
Multiplication and division of decimals	48, 49, 50, 51, 135, 136
Addition and subtraction of fractions	65, 66
Multiplication and division of fractions	67, 68, 69, 70, 71, 72
Place value: multiplying and dividing by 10	15, 16
Order of operations	24, 44, 120, 150
Prime numbers, prime factorisation	28, 29, 30
Factors, multiples, HCF and LCM	27, 31, 32, 33, 34, 35, 36
Powers and roots	99, 100, 101
Using standard form	121, 122, 123, 124
Calculating with standard form	125, 126, 127, 128
Converting decimals to/from fractions	52, 53, 73, 74, 149
Converting percentages to/from fractions	75, 76, 82, 149
Converting percentages to/from decimals	55, 83
Simplifying fractions	59, 61
Mixed numbers and improper fractions	63, 64
Fractions of amounts	62, 77
Increasing/decreasing by fractions	78, 79
Fraction problems	80
Percentages of amounts	84, 85, 86, 87
Percentage increase/decrease	88, 89, 90
Percentage change	97
Reverse percentages	96
Simple interest	93
Percentage problems	98
Rounding	17, 56, 134
Rounding to significant figures	130
Estimating answers	129, 131, 132, 133
Working with money	747, 748, 749, 750, 751
Money problems	752, 753, 754
Financial statements	757
Income and rates of pay	755, 756
Profit and loss	759, 760, 761, 762
Best buys	763, 764, 765, 766, 767

If you want to learn Simple interest type clip number 93 into the **Search Bar**



What if your child has done all their home learning tasks – what else could they do?

4) MemRi: Your child's teacher will decide how many MemRi quizzes they need to do per week as part of their home learning, but you can always do more!



Find MemRi in the revision section, or in the 'My Tasks' section if it has been set by your teacher.