# Getting Started with Dr Frost

## A guide for students

**www.drfrostmaths.com**
**@DrFrostMaths**

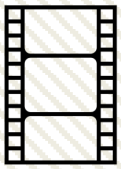
Last modified: September 2023

Dr Frost Learning is a registered charity
in England and Wales (no 1194954)

# What is DrFrost?

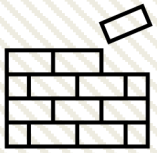
An online classwork and homework platform

Designed to help you master mathematical Key Skills



Access video help at any time during a task

Earn points and trophies for achievements on Dr Frost



Practice topics independently to increase your mastery with each skill

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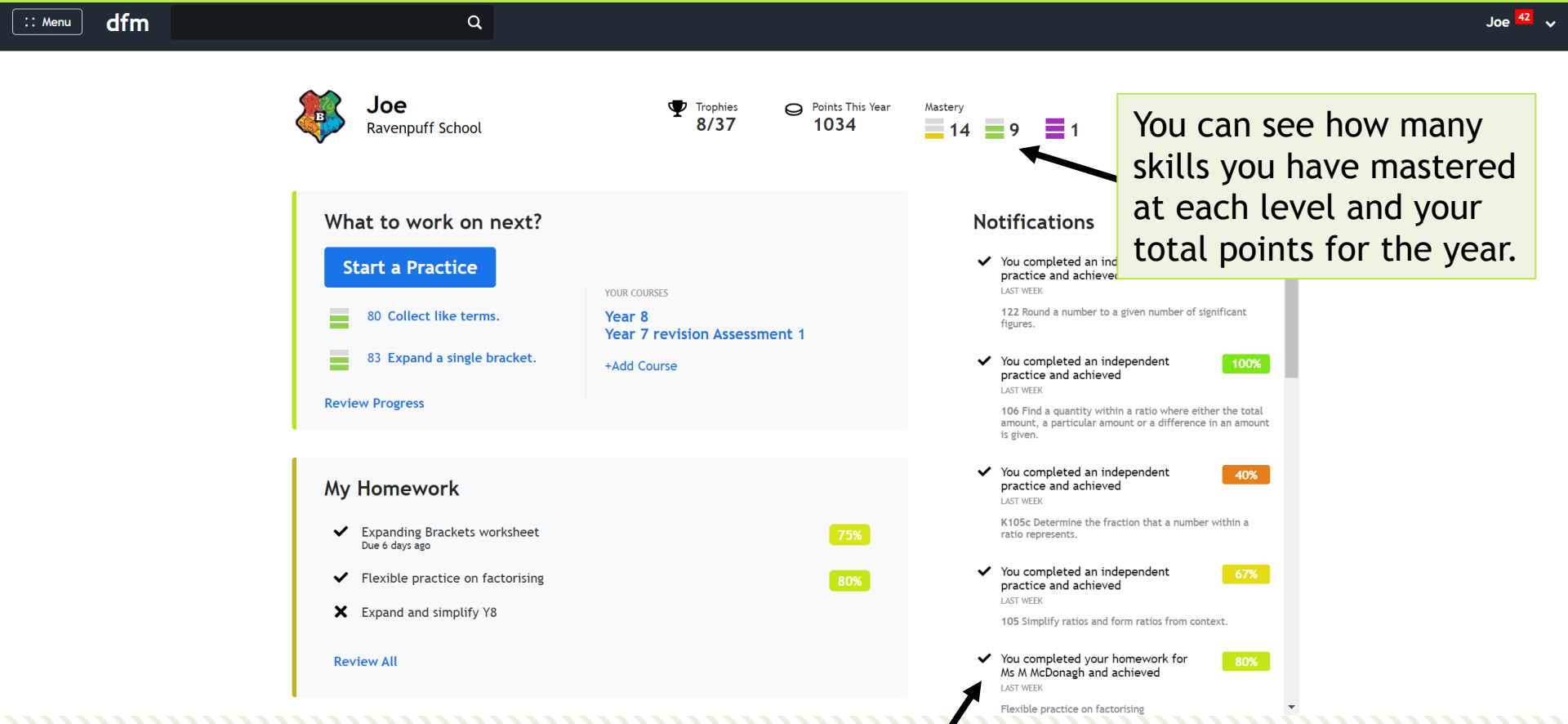
# The home dashboard




You can see how many skills you have mastered at each level and your total points for the year.

You earn trophies for different achievements. For example, earning a certain number of points, or completing a certain number of questions correctly in a row.

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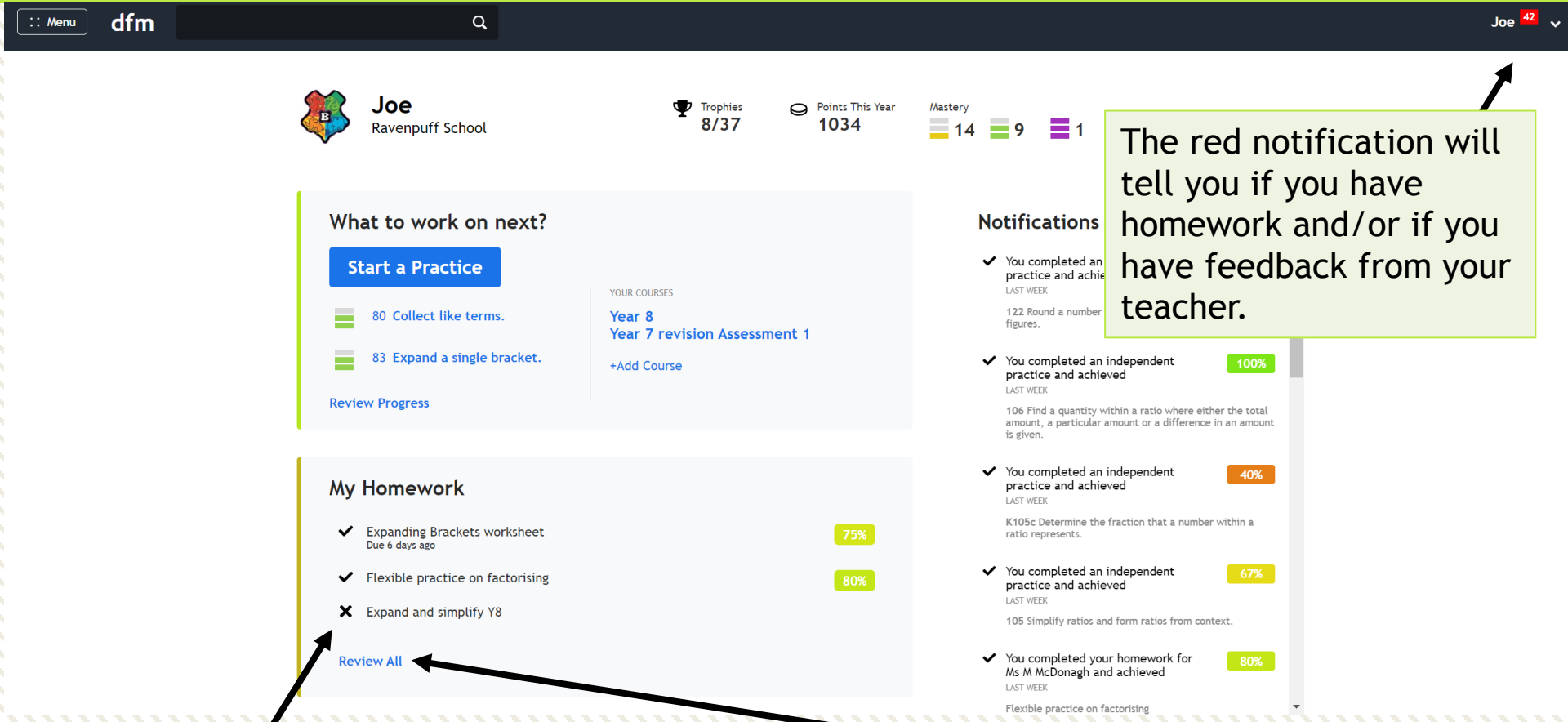
# Completing an assigned task




The red notification will tell you if you have homework and/or if you have feedback from your teacher.

Your most recent homework tasks appear on the dashboard. Click on the X to start.

Click '**Review all**' to see every homework set to you this year.

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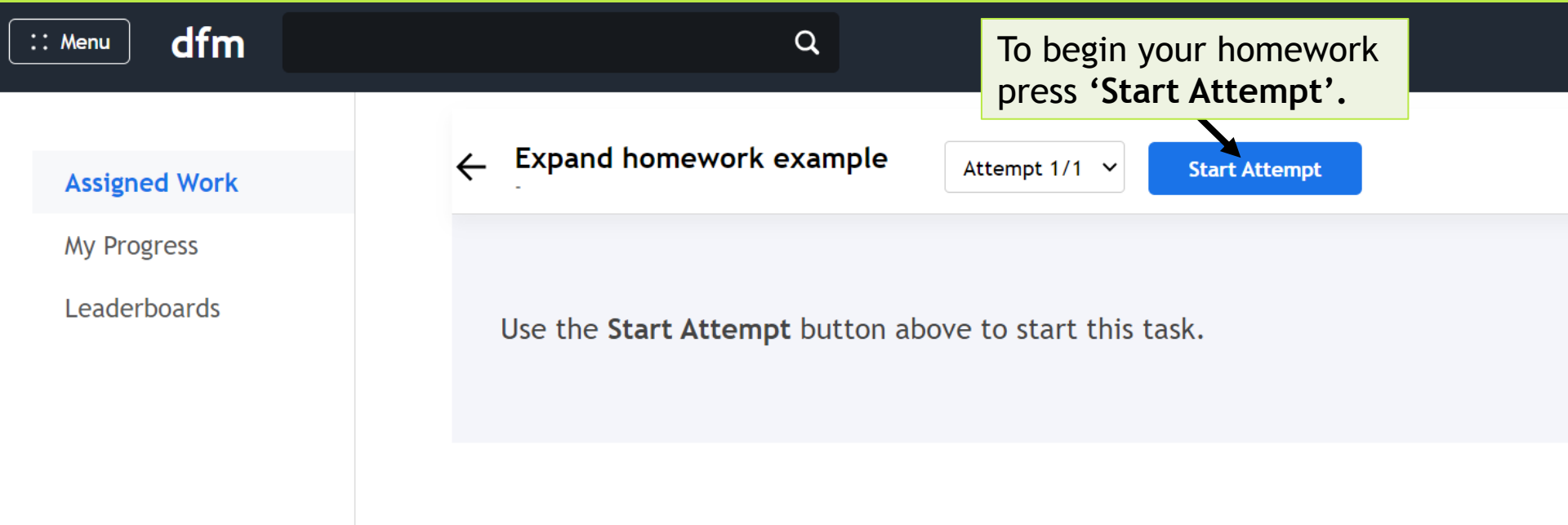
# Completing an assigned task

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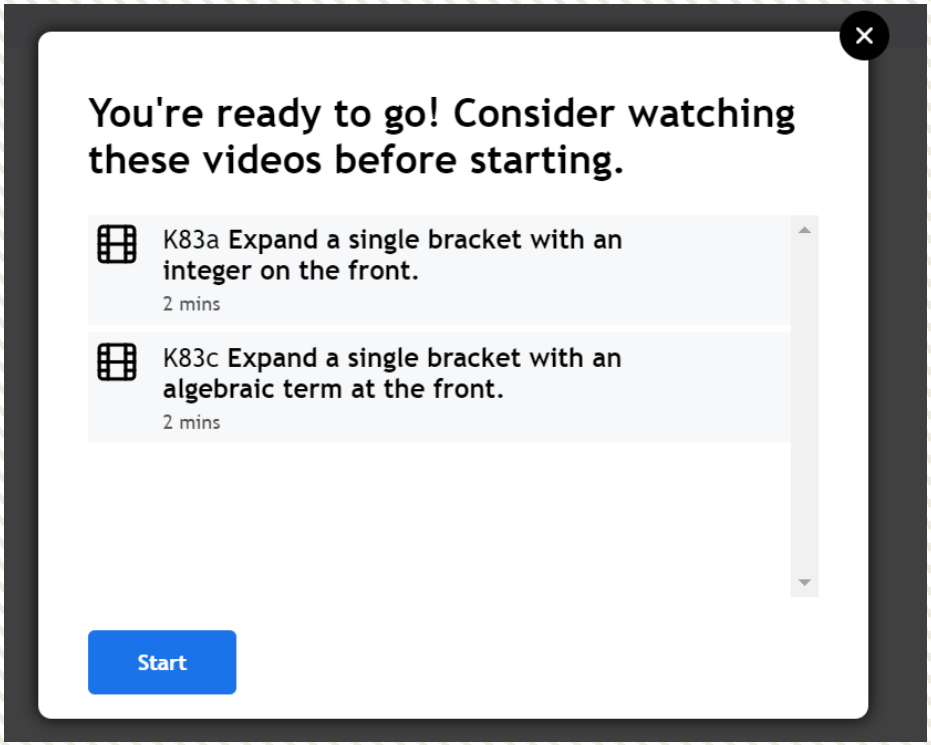
# Completing an assigned task




You will get an option to watch videos relating to the skills in the task, you can watch these, or press **'Start'** to skip this step.

Your teacher may require you to watch a video first, in which case, the 'Start' button will be greyed out until you've watched the full video.

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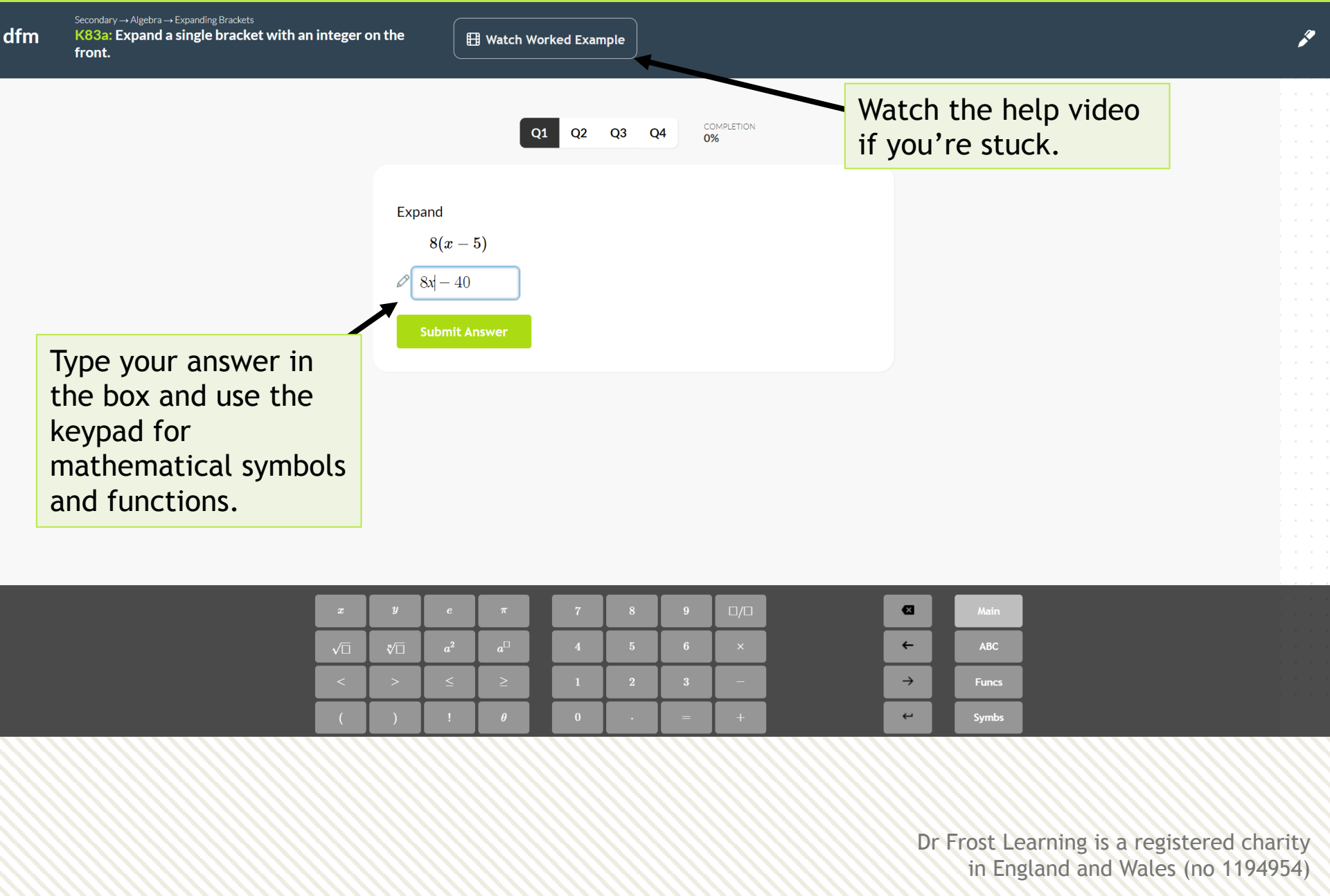
# Completing an assigned task

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# Completing an assigned task

dfm

Secondary → Algebra → Expanding Brackets

**K83a:** Expand a single bracket with an integer on the front.

Watch Worked Example

Q1 Q2 Q3 Q4

COMPLETION 0%

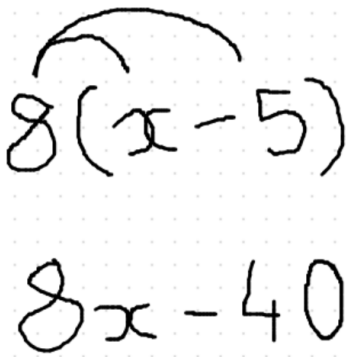
Expand

$8(x-5)$

$8x-40$

Submit Answer

Click the pen icon to show working on the side whiteboard.

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# Completing an assigned task

dfm

Calculator Permitted
Author: Edexcel
Difficulty: 1 2 3 4

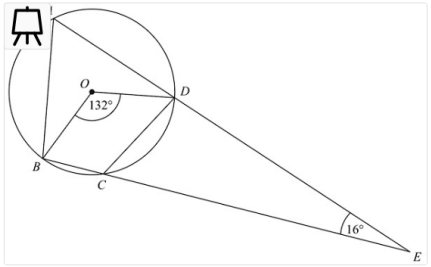
Get Video Help on this Topic

Q1 Q2 Q3 Q4 Q5 Q6

COMPLETION
0%

If the question has a diagram, use your curser to hover over the image. If you click the easel icon the diagram will appear on the side whiteboard for you to annotate.

$A, B, C$ and $D$ are points on the circumference of a circle, centre $O$.
$ADE$ and $BCE$ are straight lines.

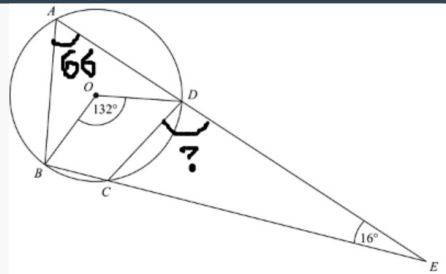



Work out the size of angle $CDE$.

**(4 marks)**

°

Submit Answer

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# Completing an assigned task

dfm

Your mastery for this skill has increased.

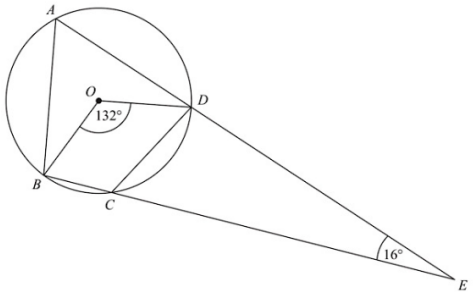
306 Understand and apply all circle theorems.

+8

Get Video Help on this Topic

Every question you answer impacts your mastery for that skill. It may go up, down or stay the same.

$A, B, C$ and $D$ are points on the circumference of a circle, centre $O$.
$ADE$ and $BCE$ are straight lines.




Work out the size of angle $CDE$.

**(4 marks)**

98 °

Submit Answer

It took me a long time to realise there was a cyclic quadrilateral.

Send

Write feedback to your teacher here.

COMPLETION
0%

Correct

The answer is 98 °

| | | | |
|---|---|---|---|
| 98 | M1 | for $BAD = 132 \div 2$ (= 66) | |
| | M1 | eg $BCD = 180 - "66"$ (= 114) **or** $ABE = 180 - "66" - 16$ (= 98) | M2 for reflex … (= 228) **and** $BCD = "2$ |
| | A1 | for finding $CDE = 98$ | |
| | C1 | (dep on at least M2) for one circle theorem relevan… eg The angle at the centre of a circle is twice the ar… circumference **or** Opposite angles of a cyclic quadrilateral add up | |

Next Question

Continue Later

If the question you've answered is an exam question, you will be shown the mark scheme.

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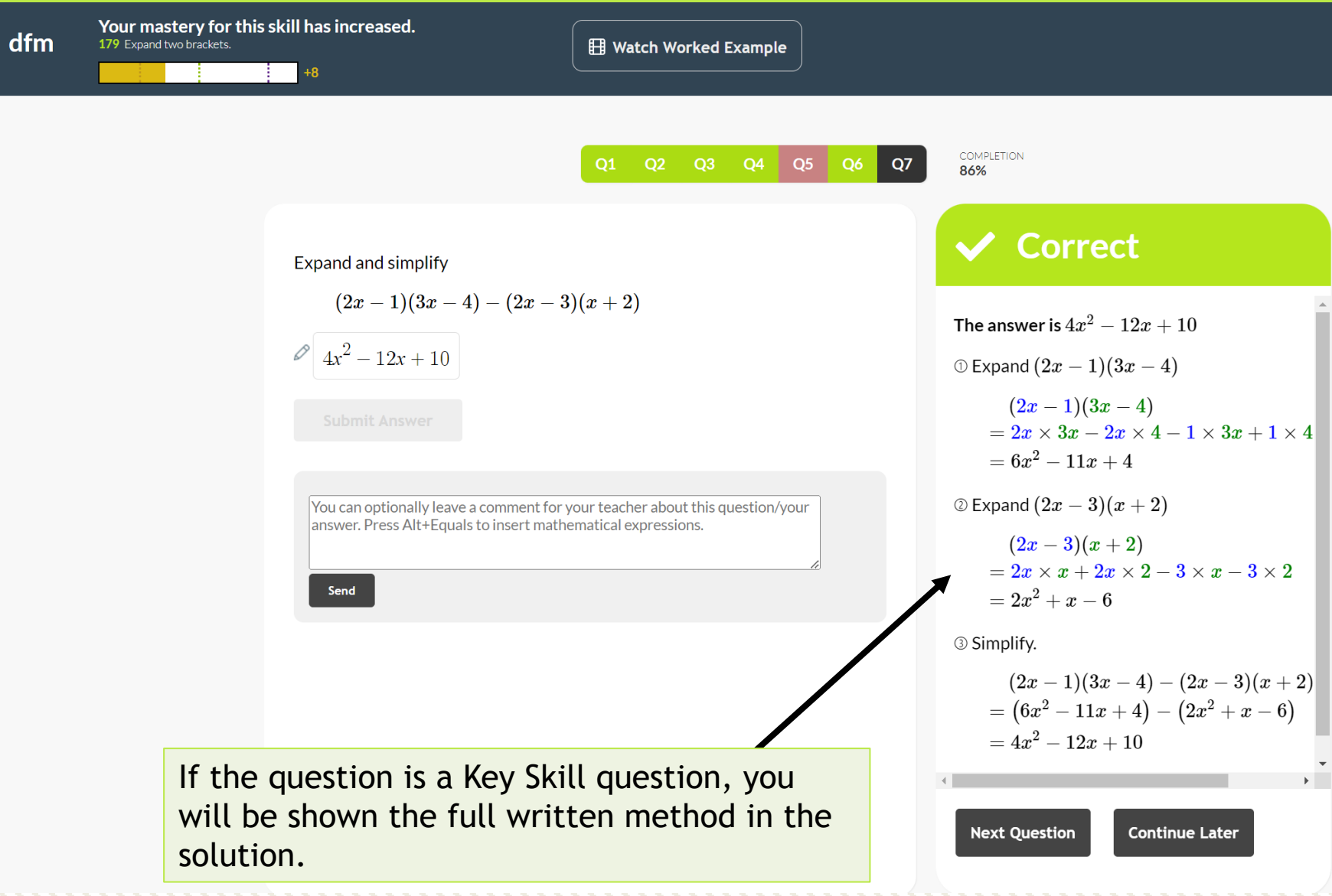
# Completing an assigned task




If the question is a Key Skill question, you will be shown the full written method in the solution.

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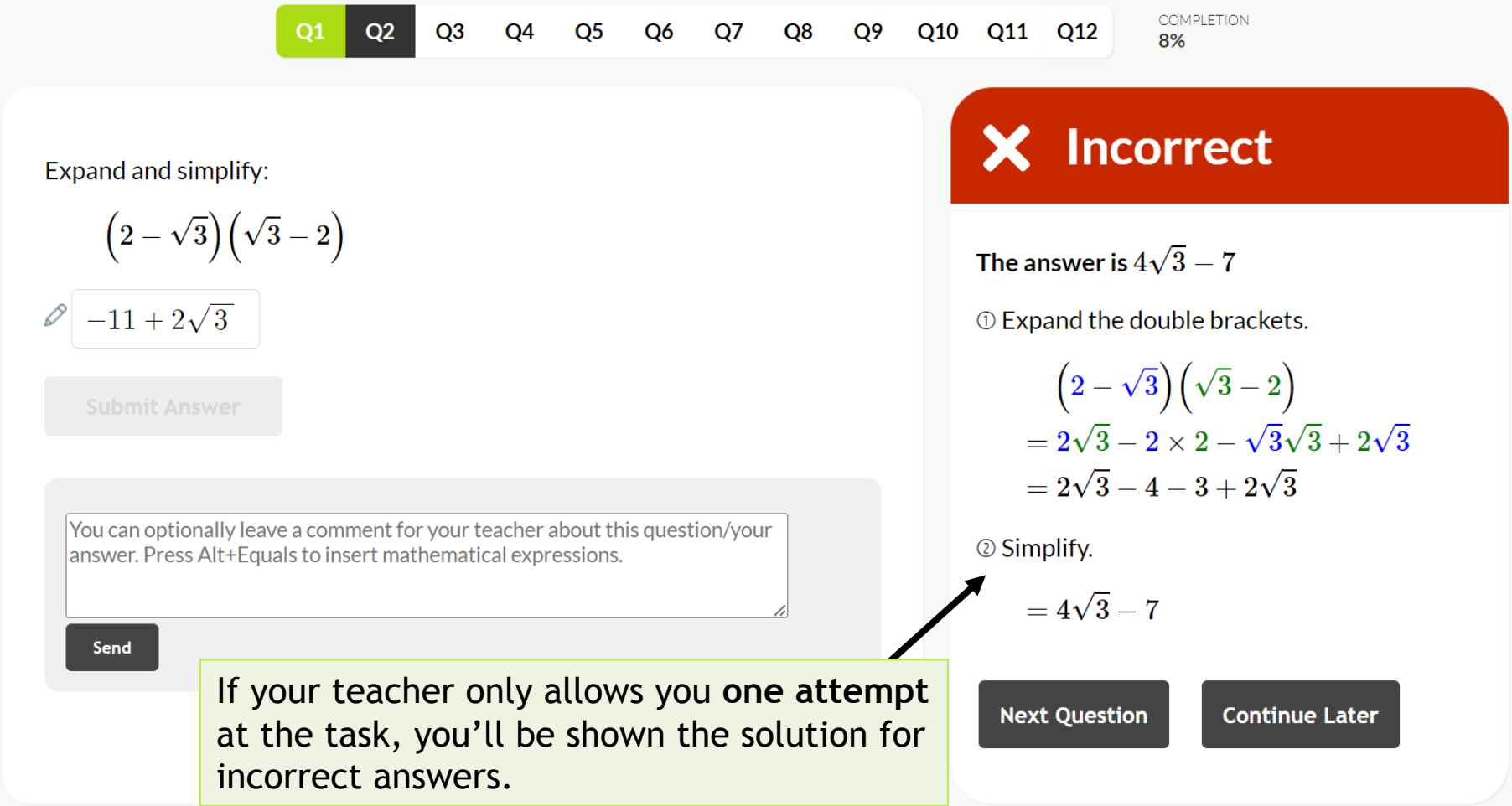
# Completing an assigned task




If your teacher only allows you **one attempt** at the task, you'll be shown the solution for incorrect answers.

**Top tip:** Read the solution, write down the steps and use it to help you with future questions.

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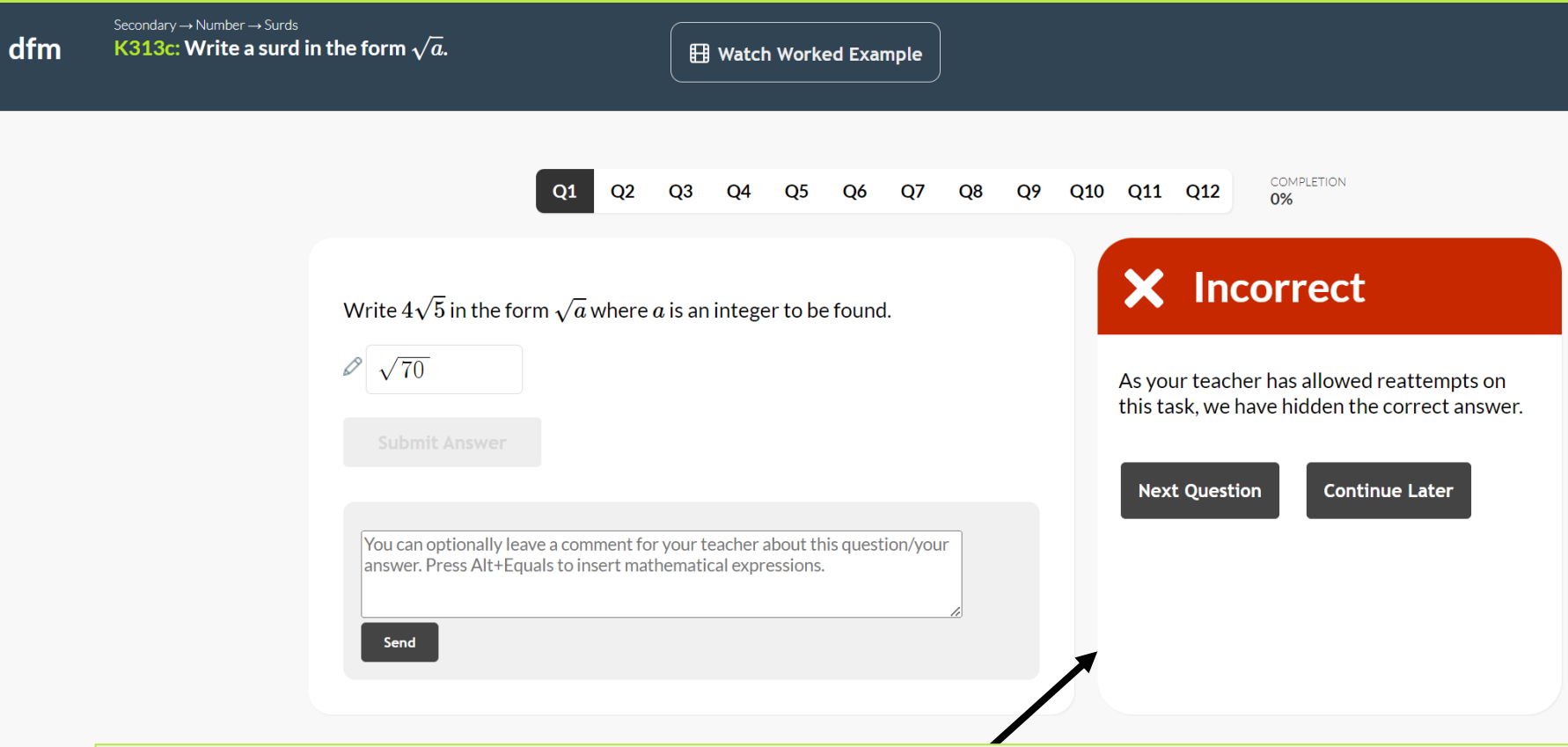
# Completing an assigned task




If your teacher allows you **to reattempt** the task and if the task is a fixed set of questions (ie. Everyone in the class has the same set of questions) then you won't be shown the solution.

This means you can reattempt the questions you got wrong and try for a better mark.

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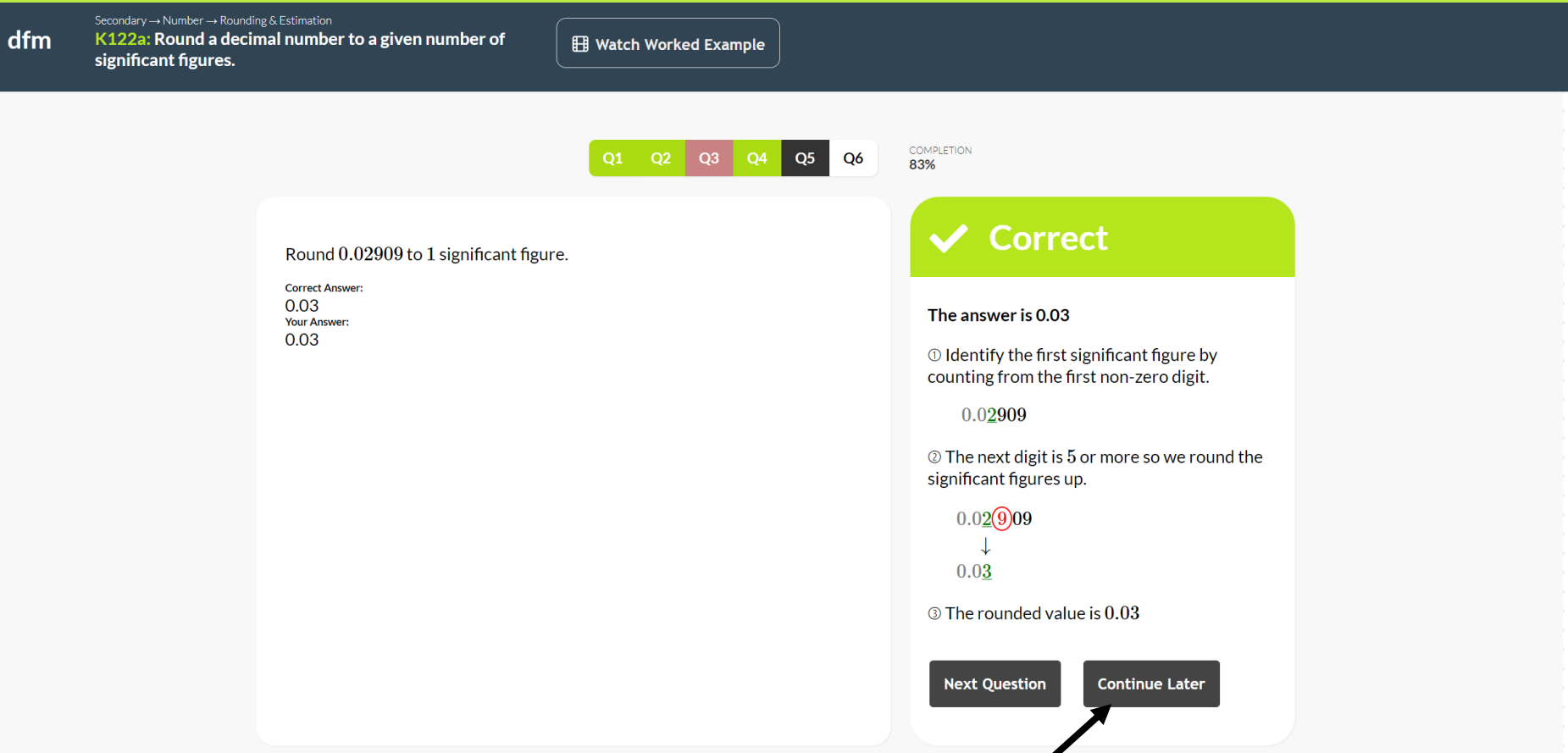
# Completing an assigned task




You can press '**Continue Later**' and come back to the task.

If the homework has a **time limit** then you will need to complete the task in one sitting, as the timer will continue to count down even if you close the task.

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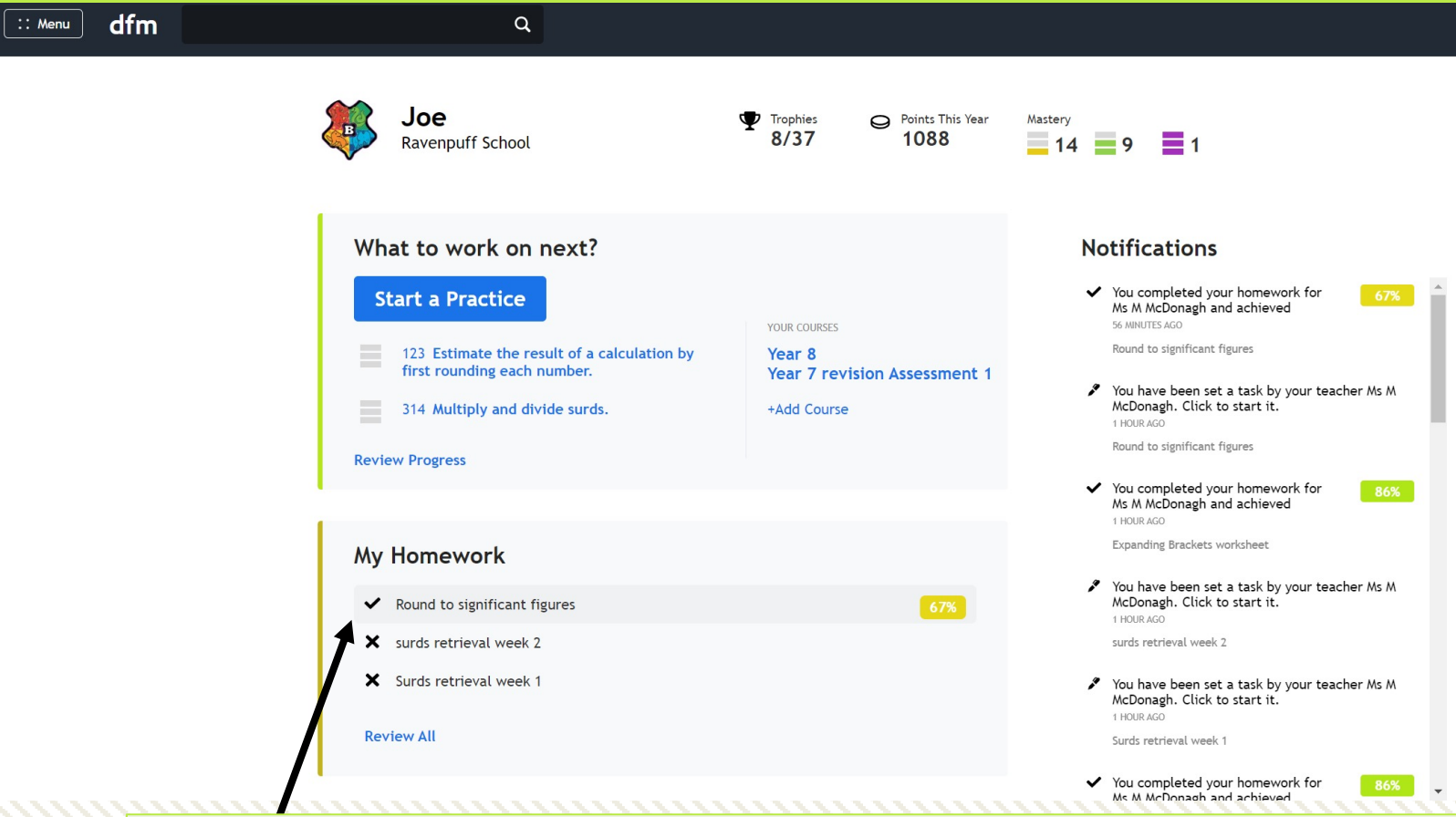
# Completing as assigned task




If you press '**Continue Later**' simply go to the home dashboard and click on the homework again.

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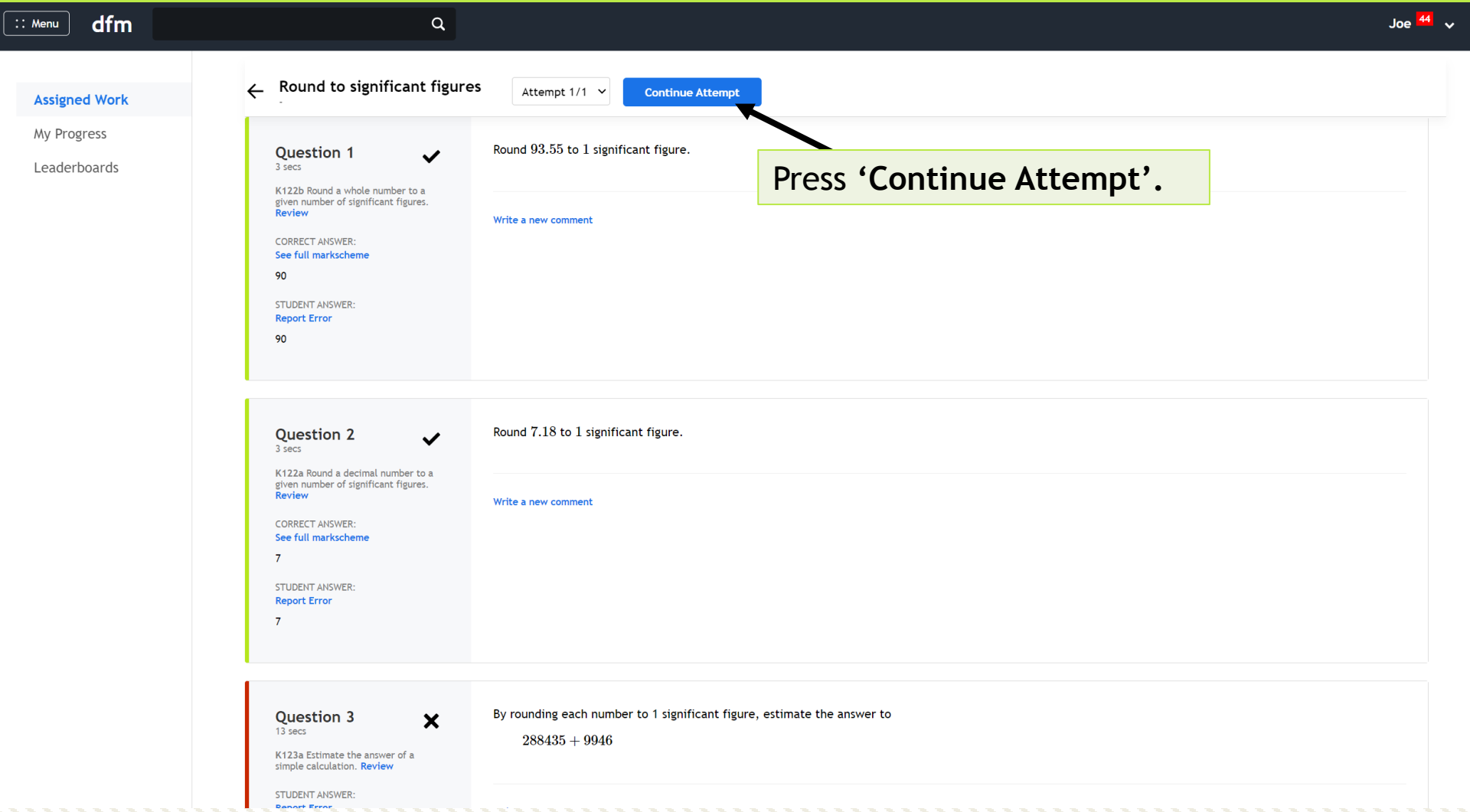
# Completing an assigned task

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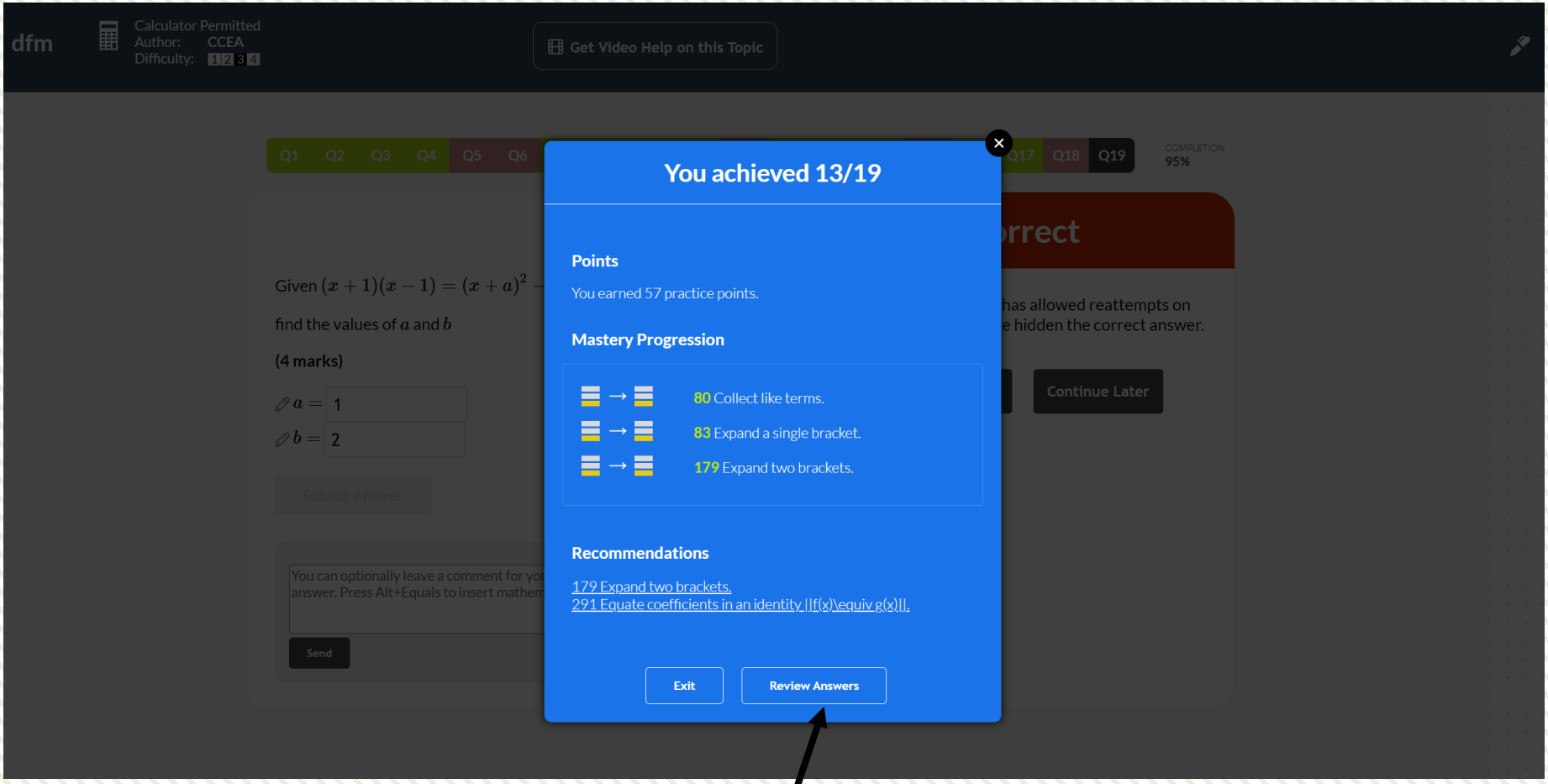
# Completing an assigned task




At the end of the task you will have earned practice points and your mastery progression with the skills in the task will be recorded. You can press **'Review Answers'** to write feedback comments and to reattempt the task for a better mark.

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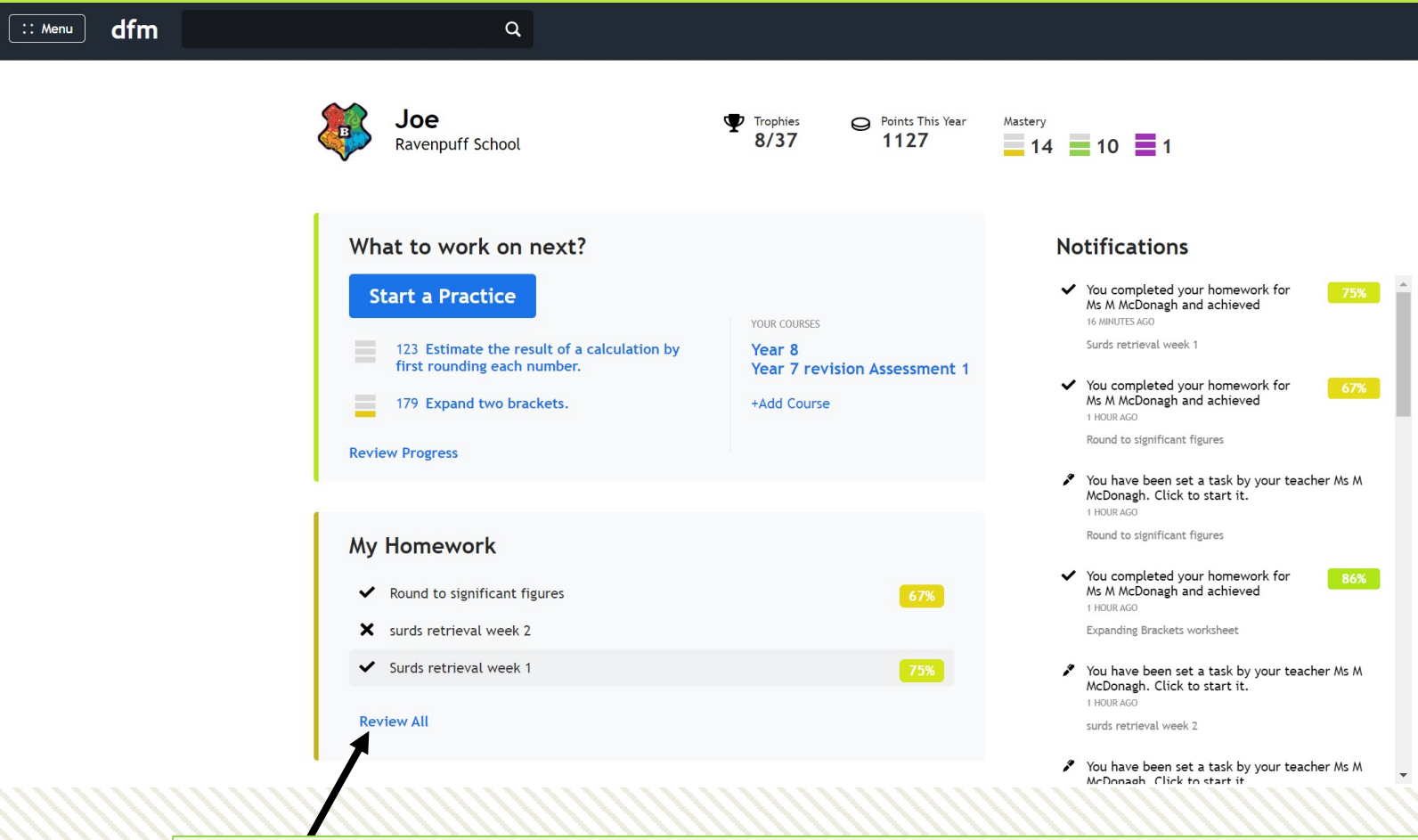
# Reviewing a task




Click on a completed task with a tick icon to review your answers or click **'Review All'.**

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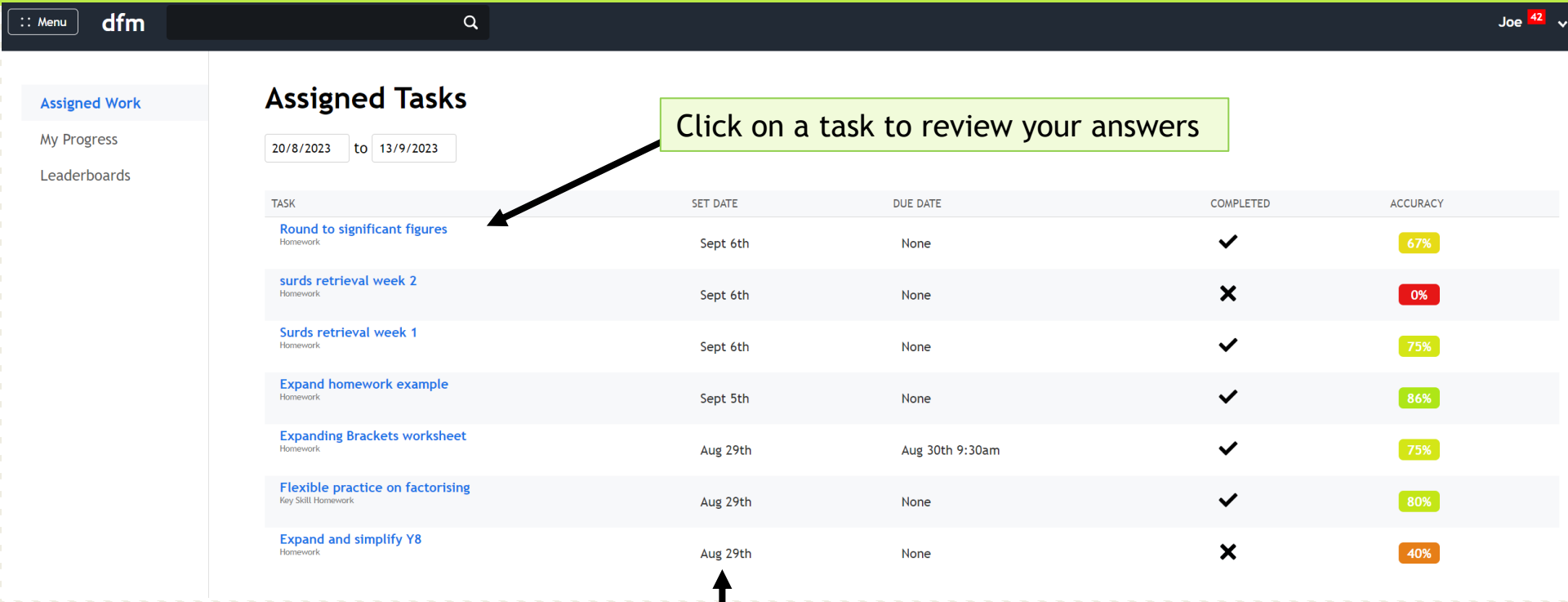
# Reviewing a task




**Top Tip:** If you have missed the deadline for a homework, you should click '**Review All**' so that you can older tasks that no longer appear on the dashboard. You can click on the task to start the homework.

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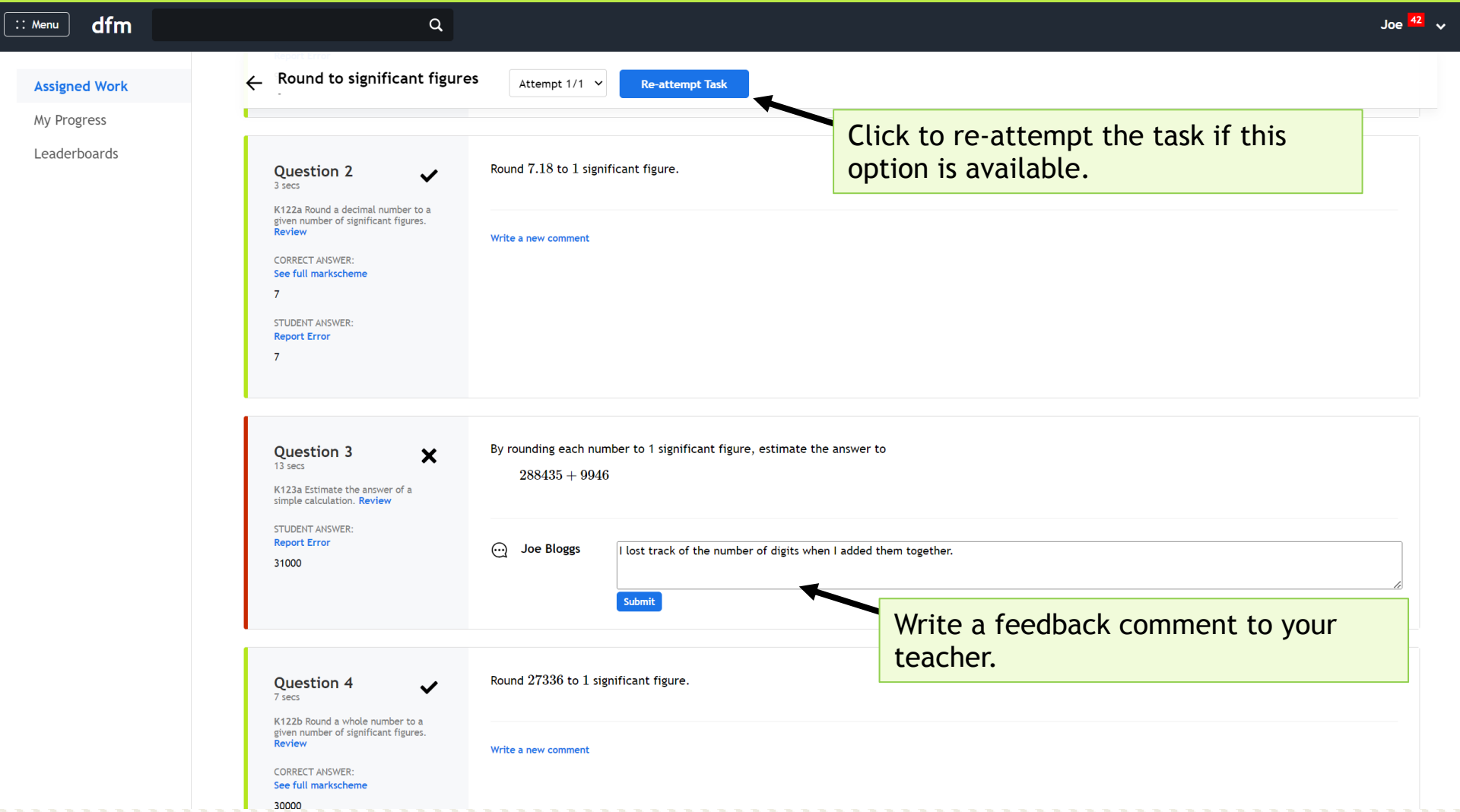
# Reviewing a task




Click to re-attempt the task if this option is available.

Write a feedback comment to your teacher.

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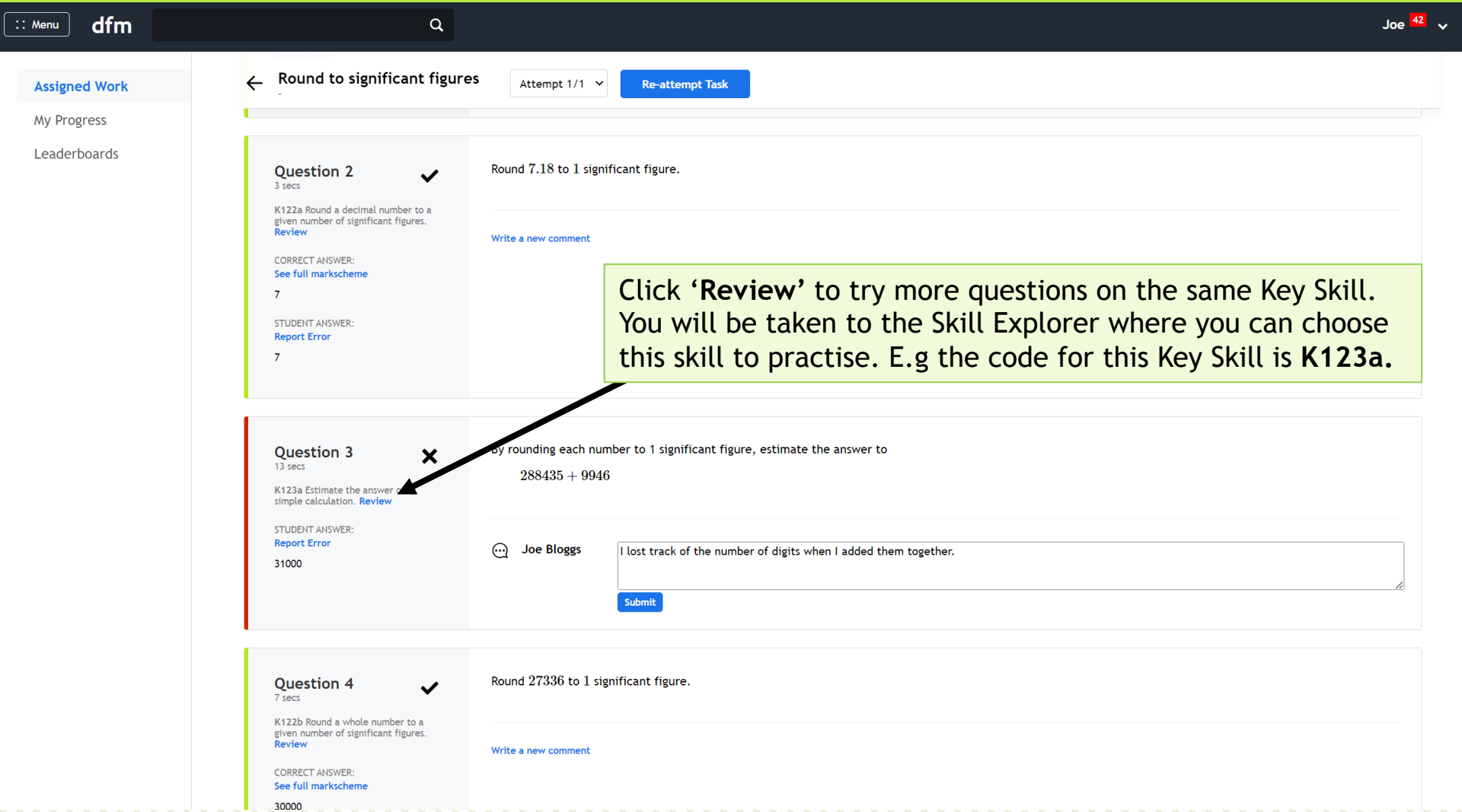
# Reviewing a task

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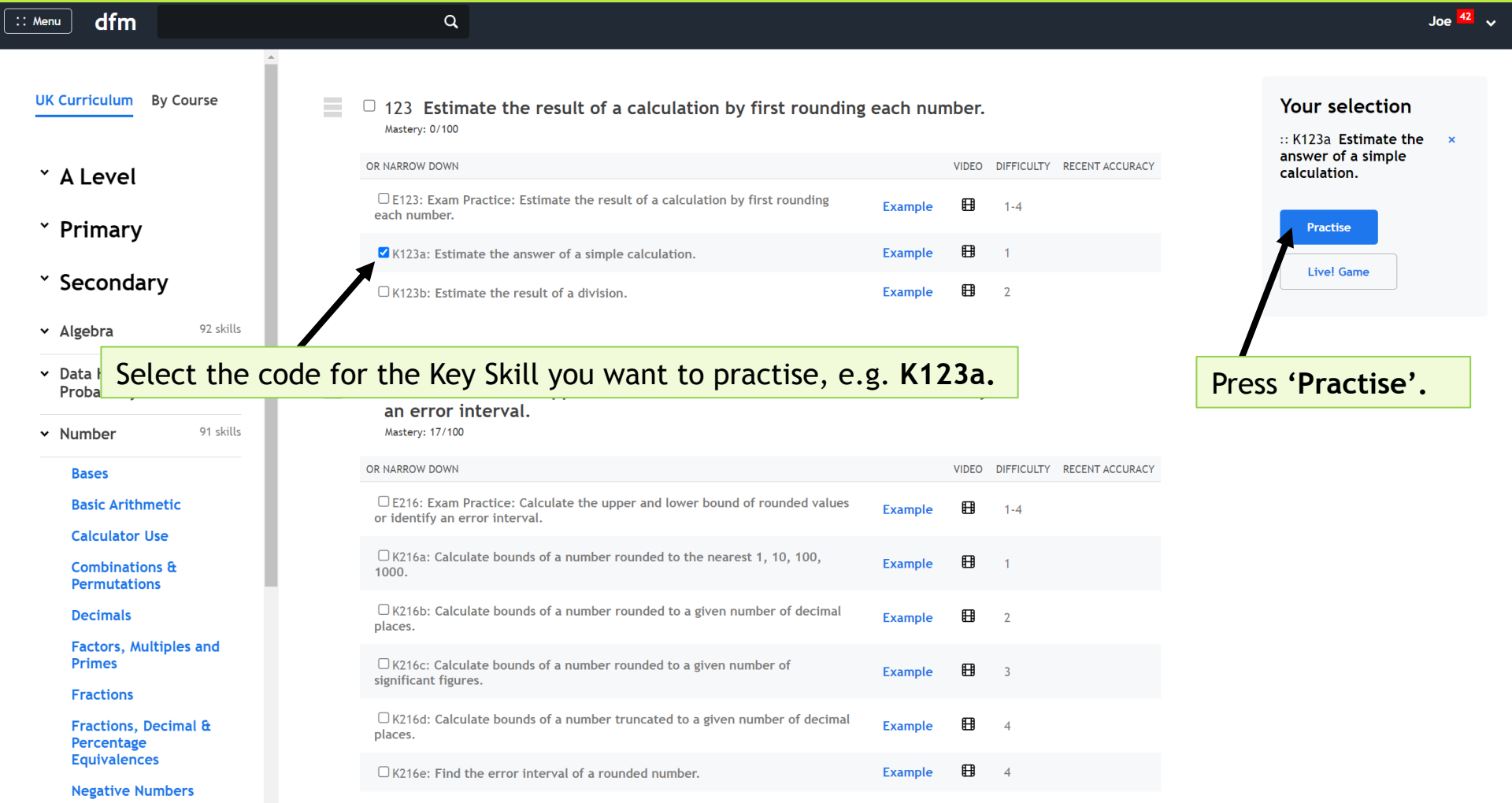
# Reviewing a task




Select the code for the Key Skill you want to practise, e.g. **K123a.**

Press **'Practise'.**

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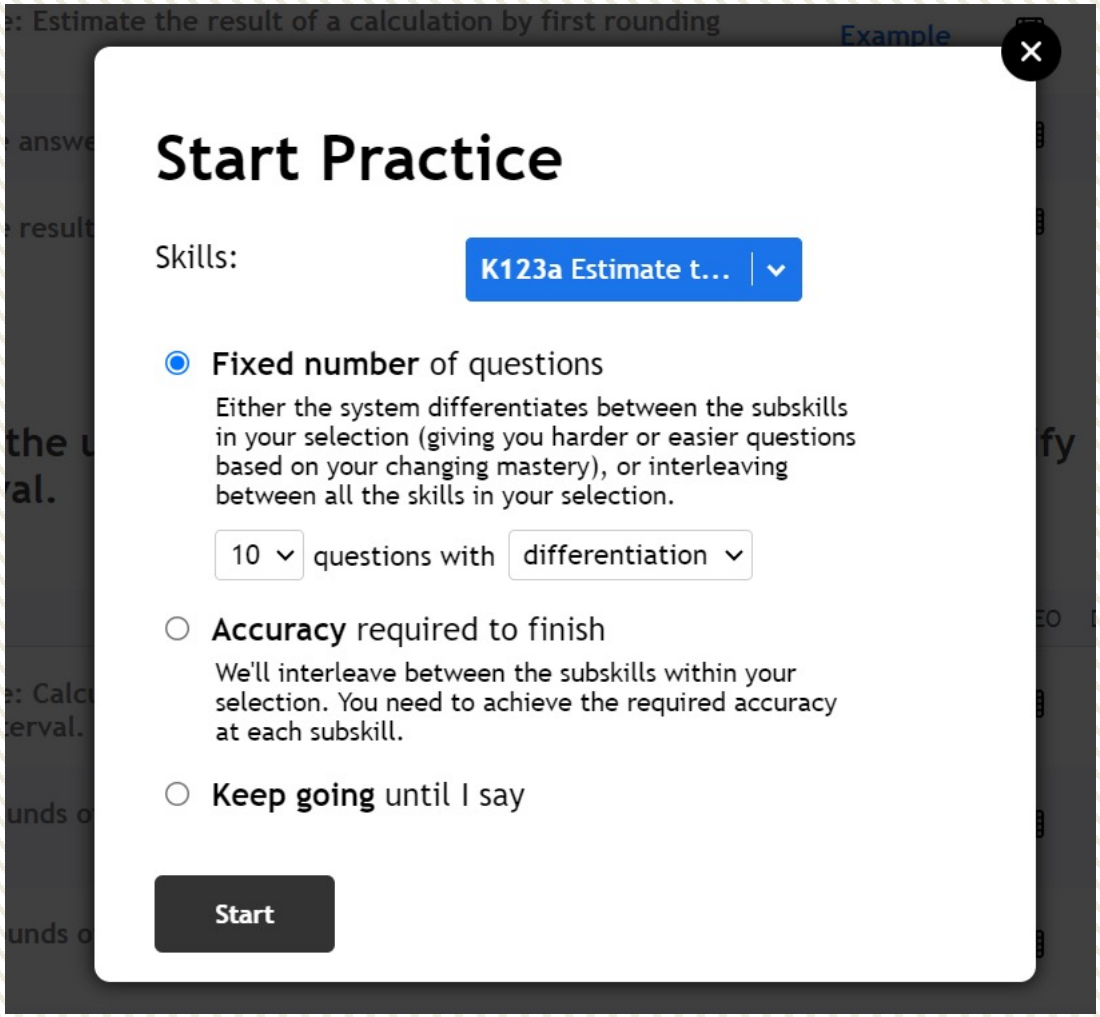
# Reviewing the task




Choose whether to do a certain number of questions or whether to get aim for a level of accuracy and then press **'Start'.**

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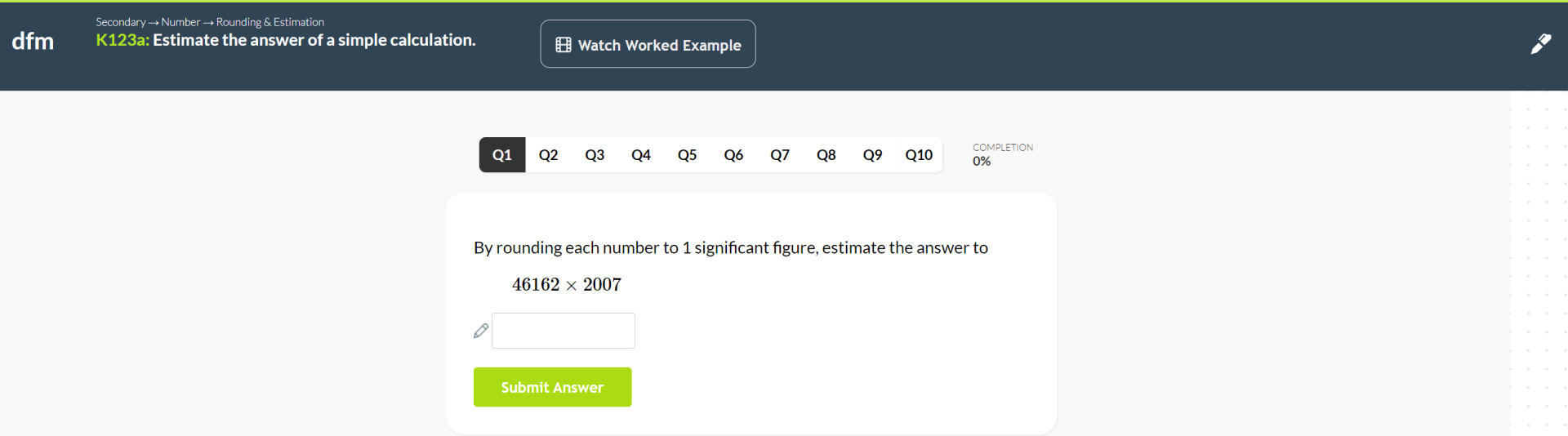
# Reviewing a task




You will now be given a new set of questions on the Key Skill you struggled with on the homework. Remember, you will still have access to video help and you can improve your mastery on the skill by attempting more questions!

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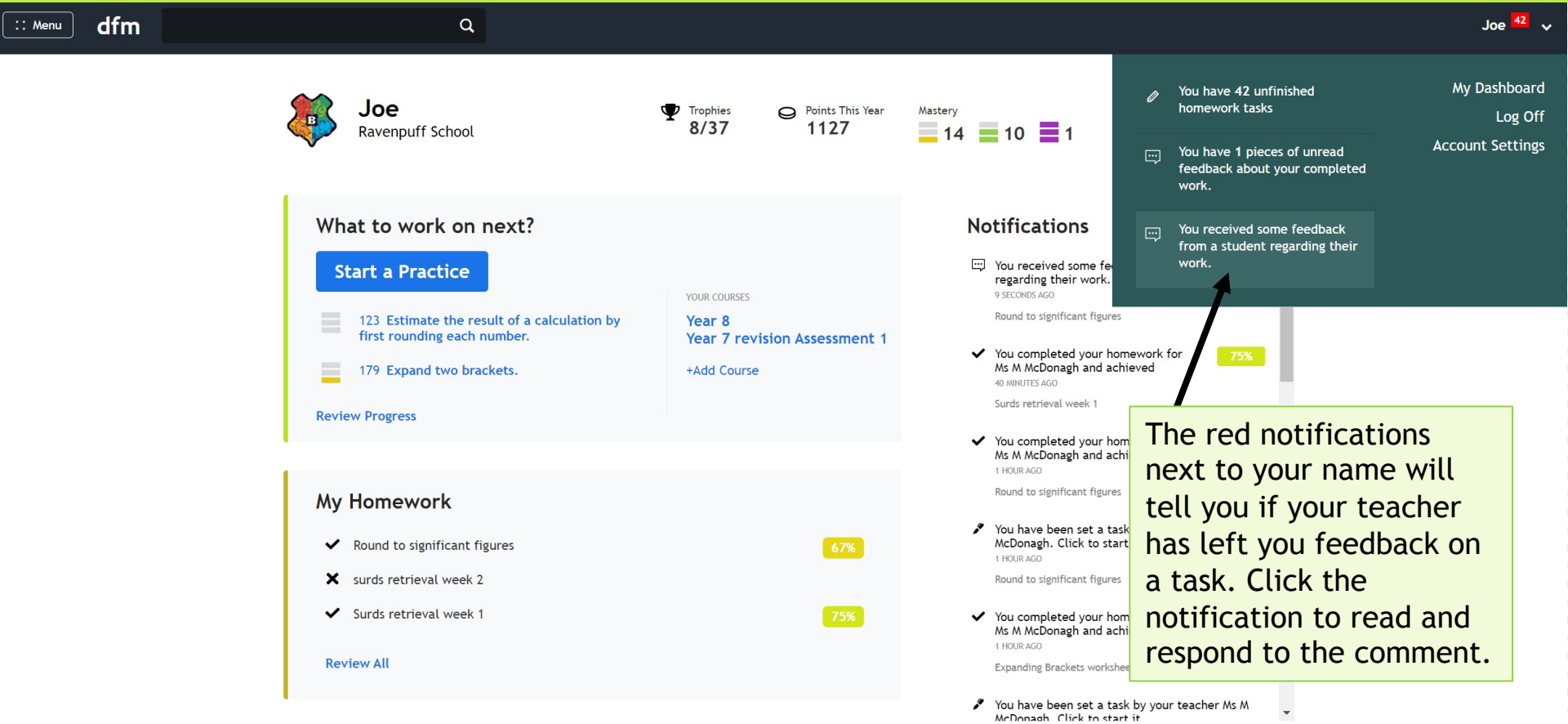
# Responding to feedback




The red notifications next to your name will tell you if your teacher has left you feedback on a task. Click the notification to read and respond to the comment.

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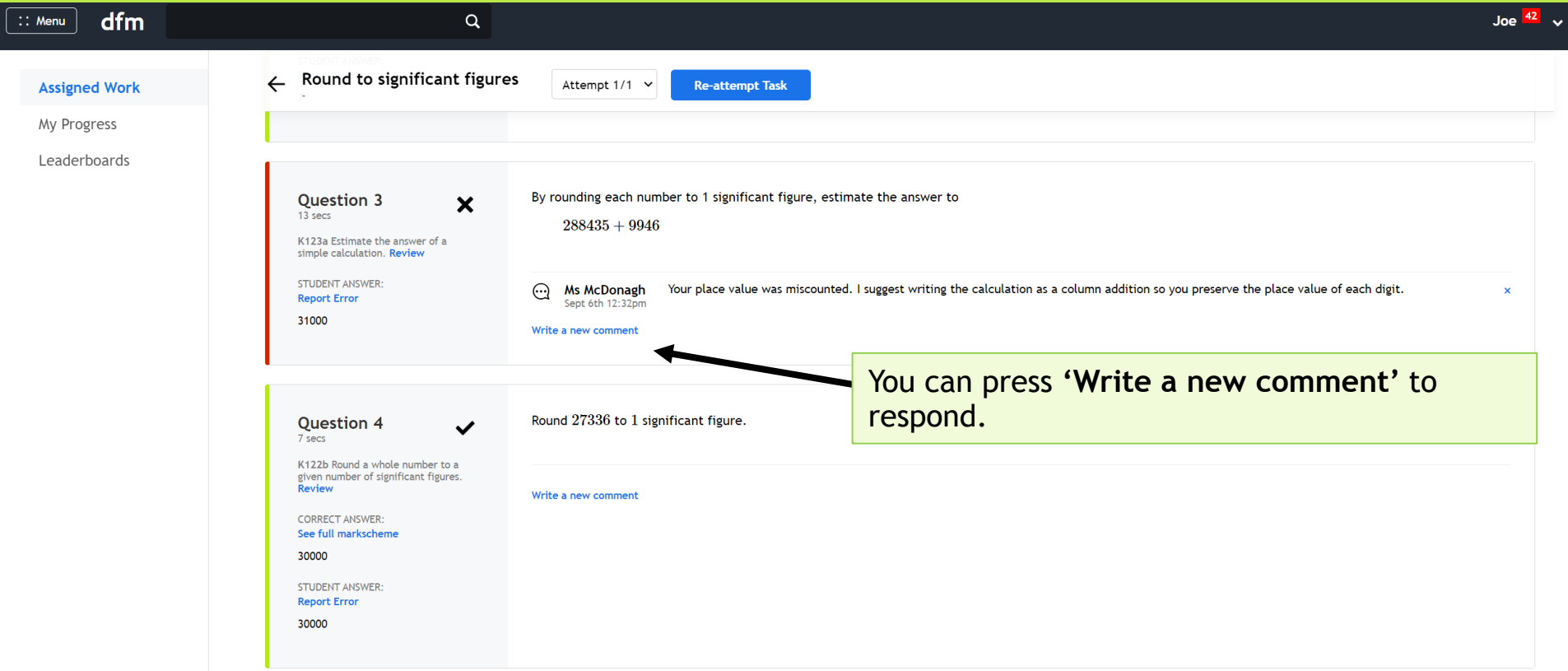
# Responding to feedback




You can press **'Write a new comment'** to respond.

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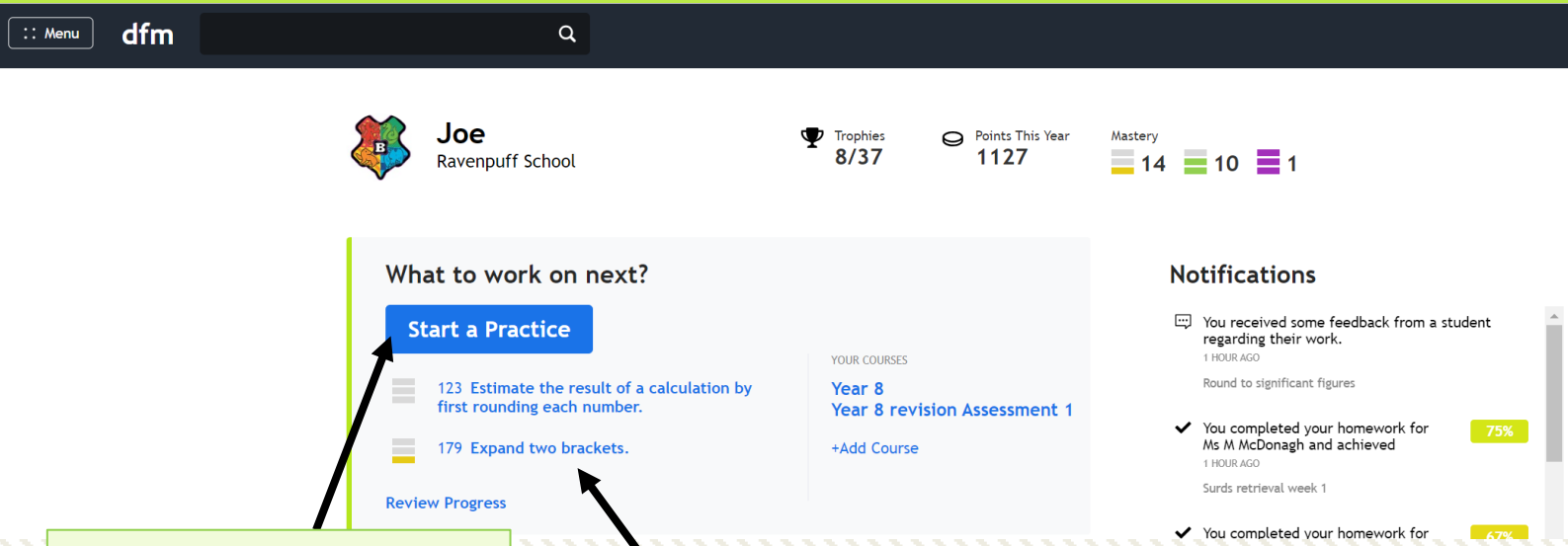
# Independent practice




Press ‘Start a Practice’ to find a skill to practice.

Or click on a recommended skill based on your recent activity.

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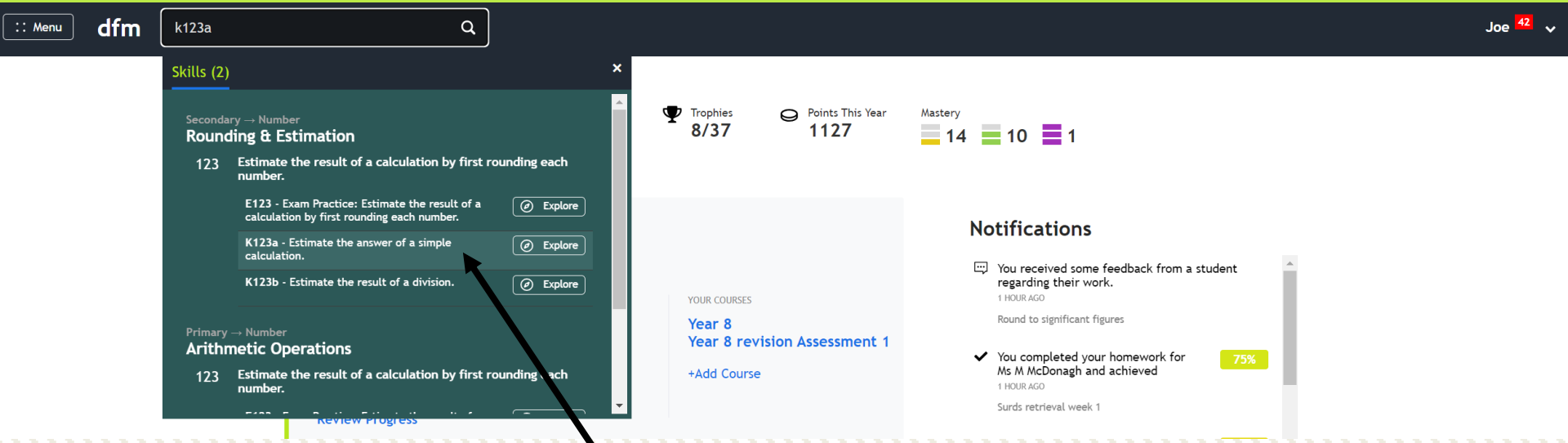
# Independent practice




You can also type the name of the skill or the code into the search bar. This is often the easiest way to find practice questions - especially if your teacher has shared the codes with you!

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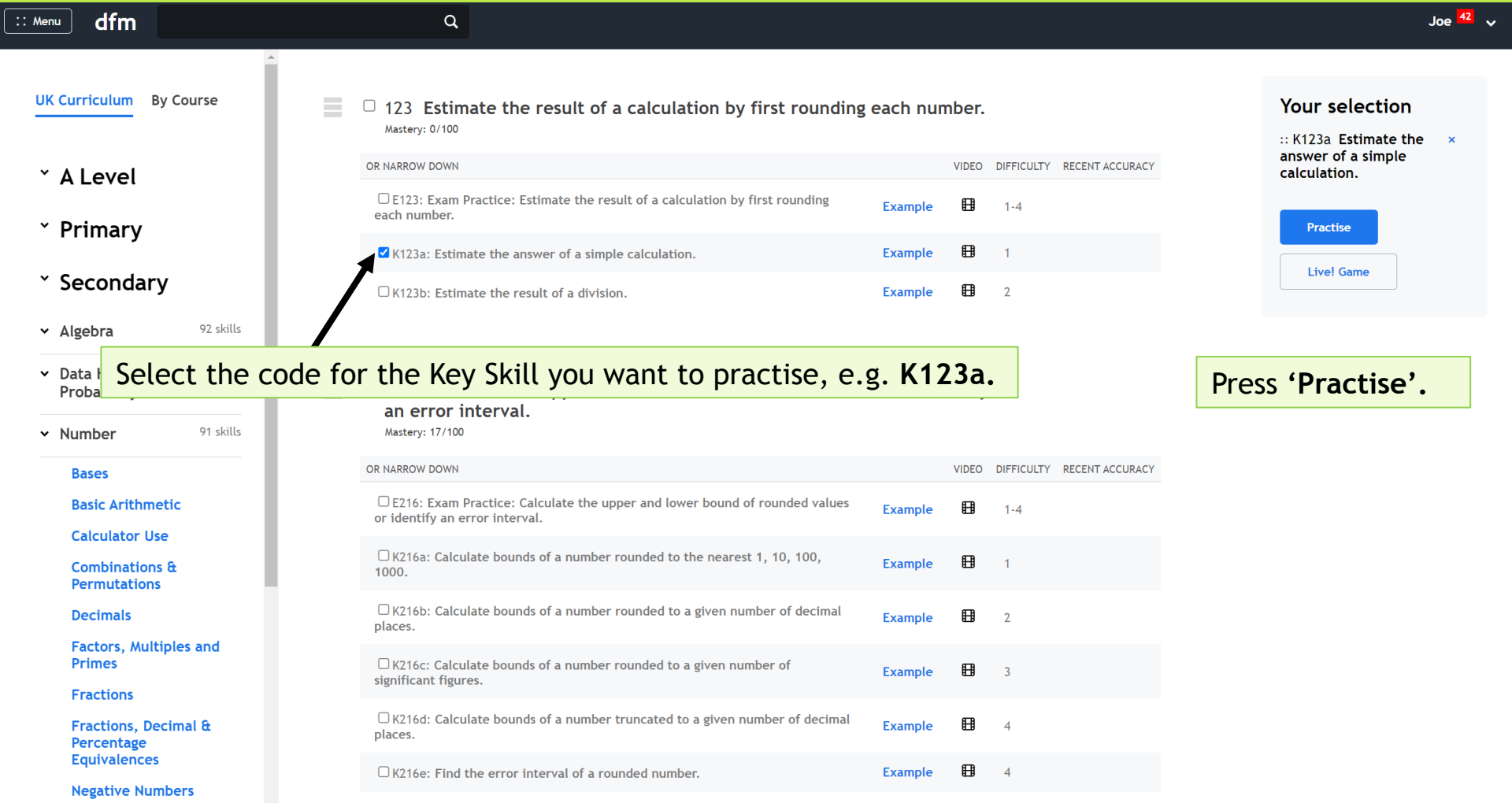
# Independent Practice

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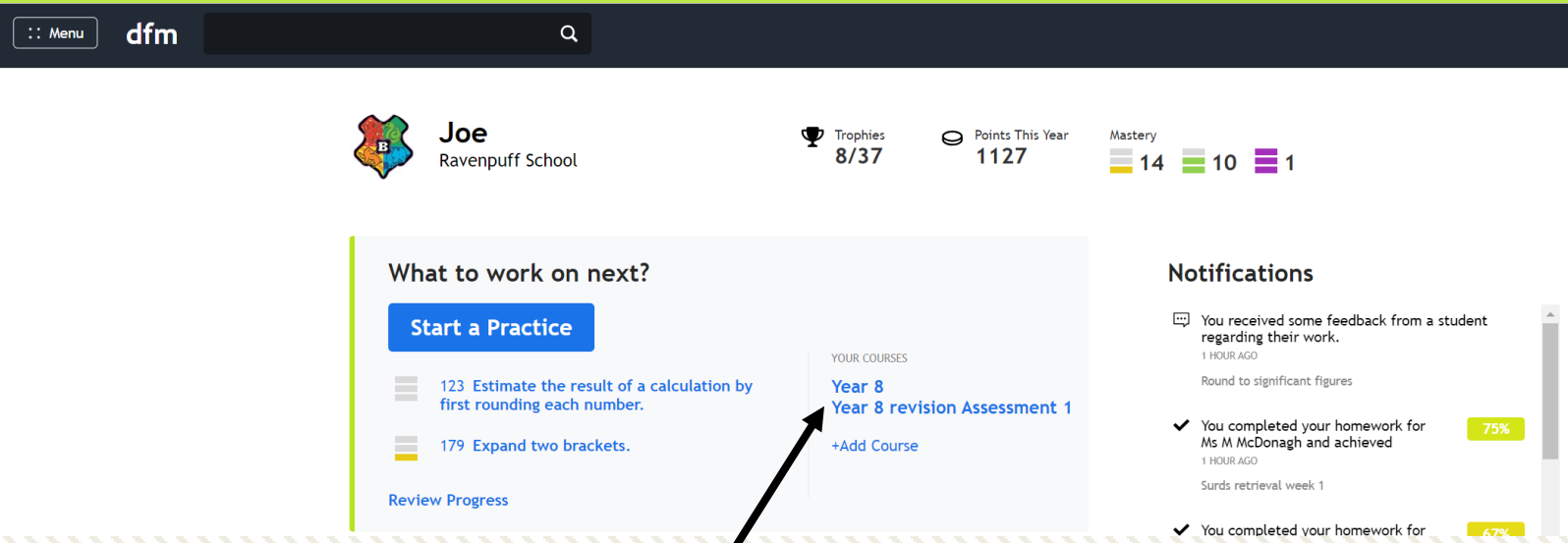
# Independent practice




Your teacher may assign you to one (or more) courses. E.g the **'Year 8'** course outlines the topics you are learning this year and in the correct order. You can browse skills within the course and practise extra questions based on what you're currently learning.

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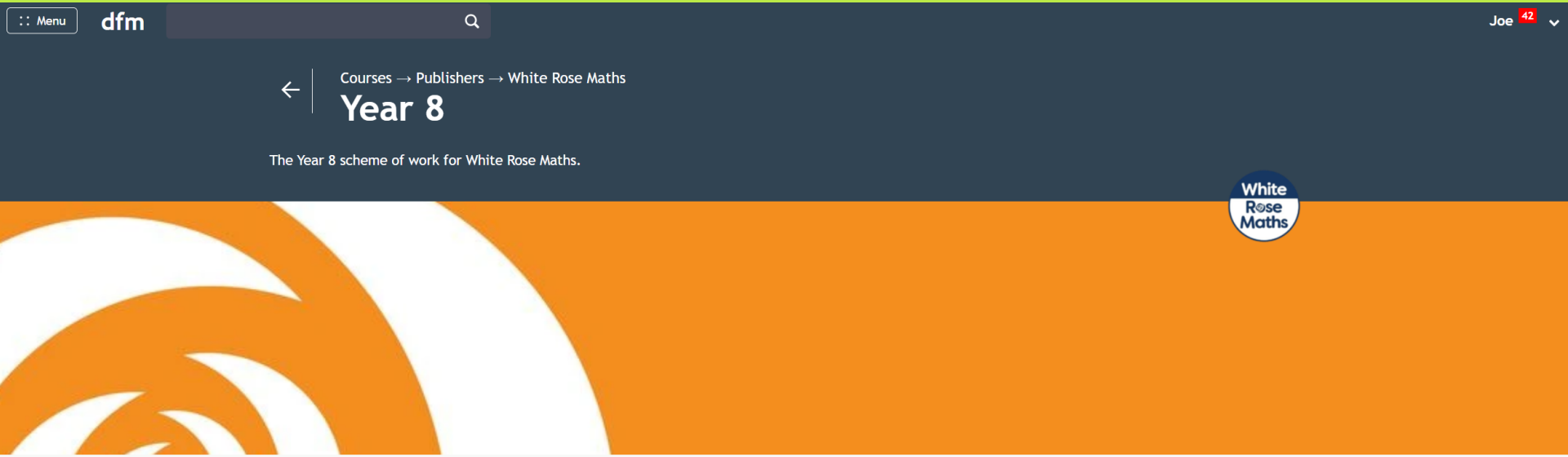
# Independent practice




Simply choose the topic you are currently studying (or have already studied).

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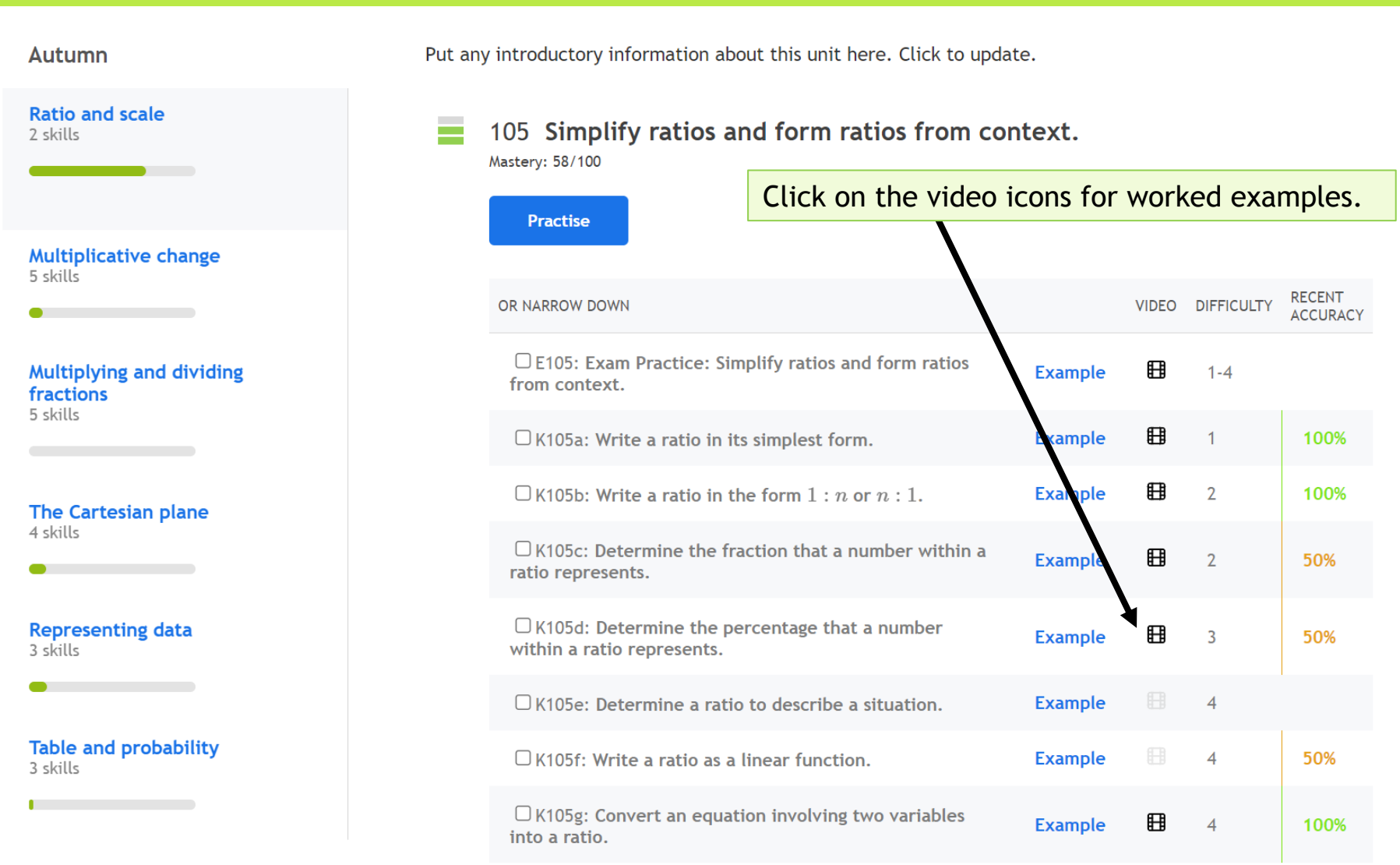
# Independent practise

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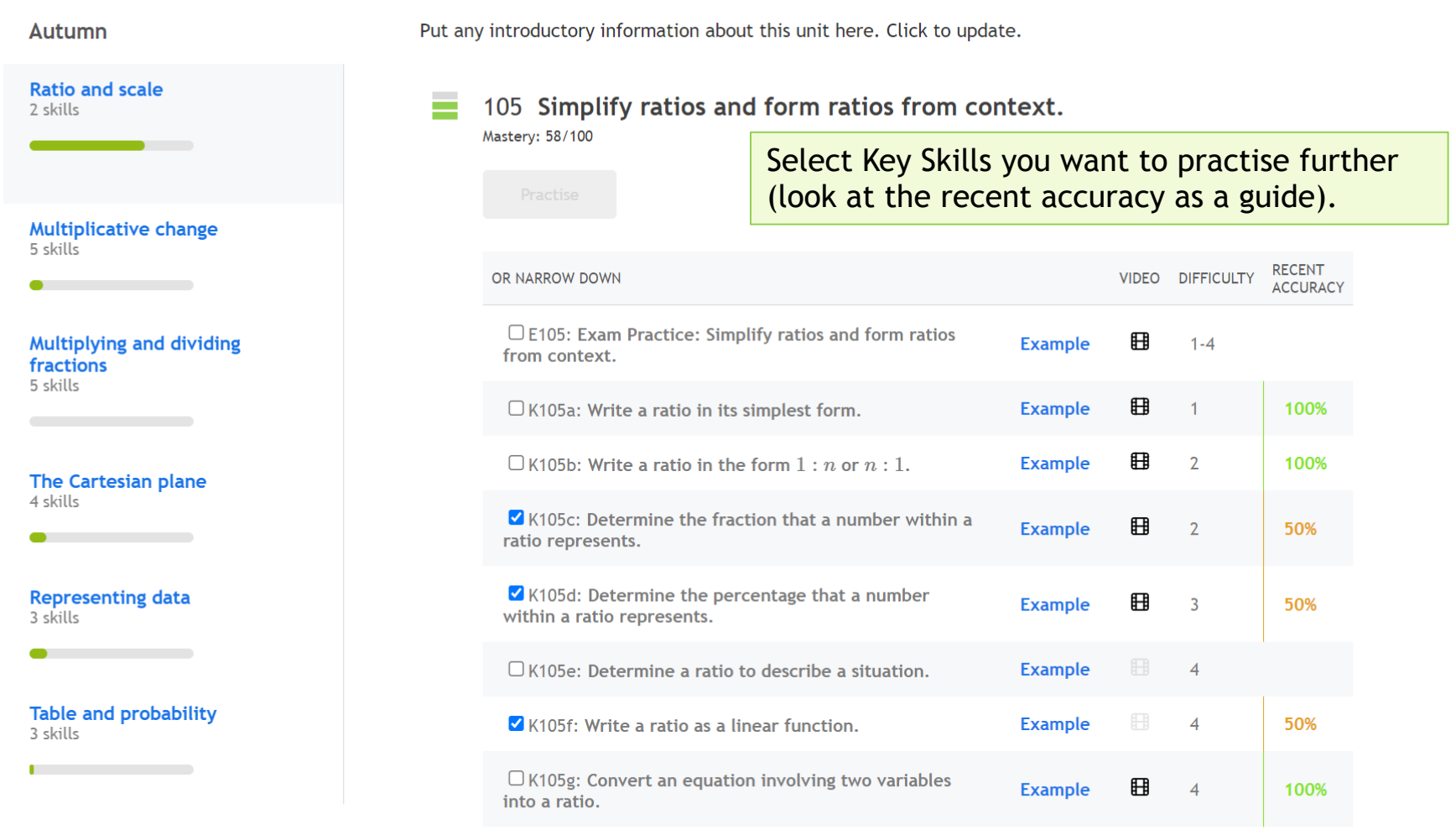
# Independent practise

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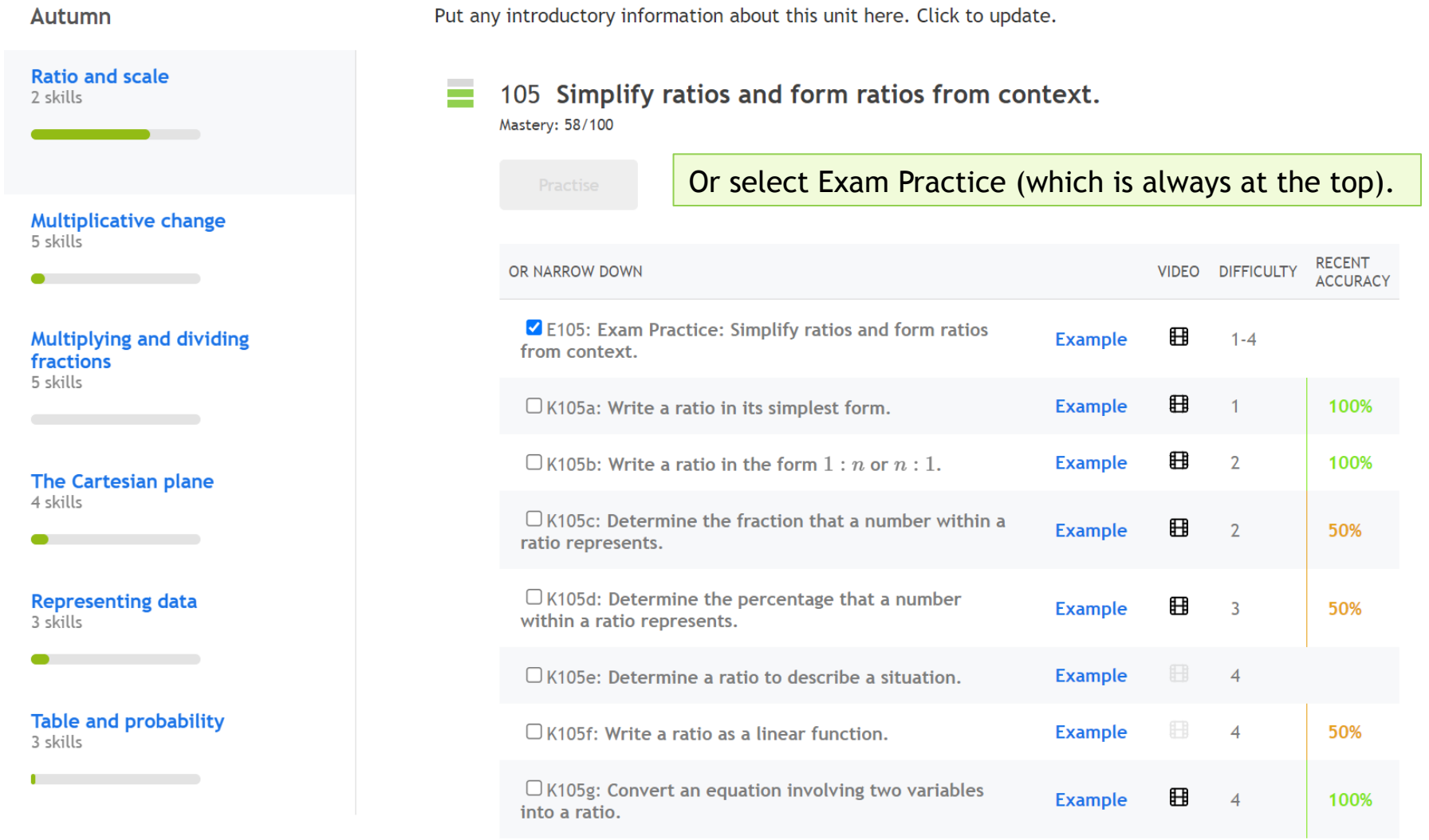
# Independent practise

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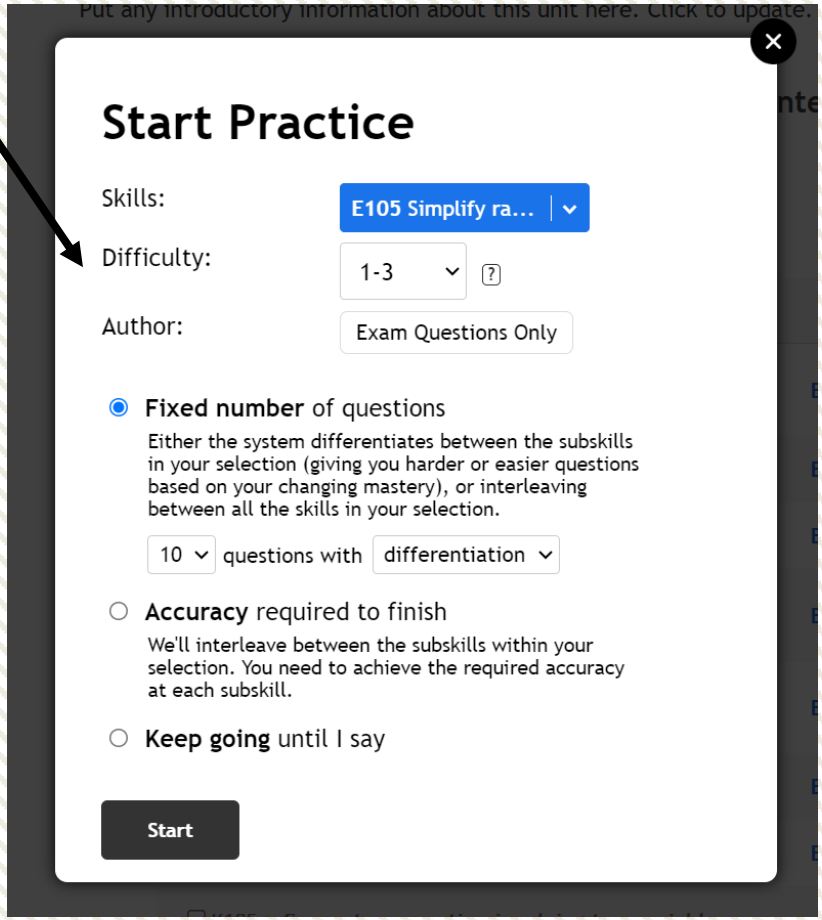
# Independent practise

If you choose Exam Practise, you can change the difficulty of the questions and select your exam board (e.g. Edexcel, SQA, etc.)

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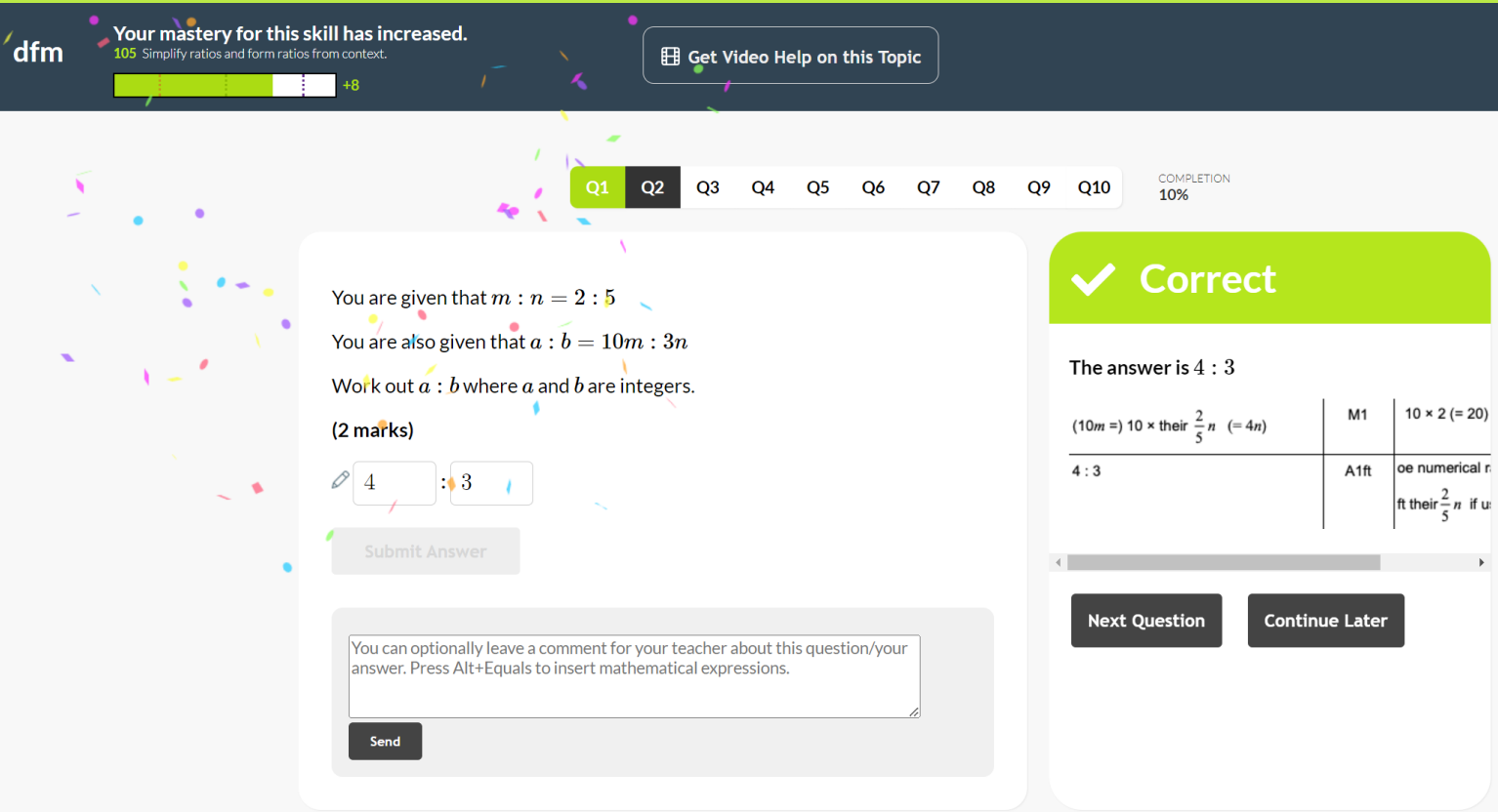
# Independent practice




Answer questions in the usual way, watch video help and leave feedback for your teacher. Your teacher will be able to see the questions you have answered, even though you have not been set a task.

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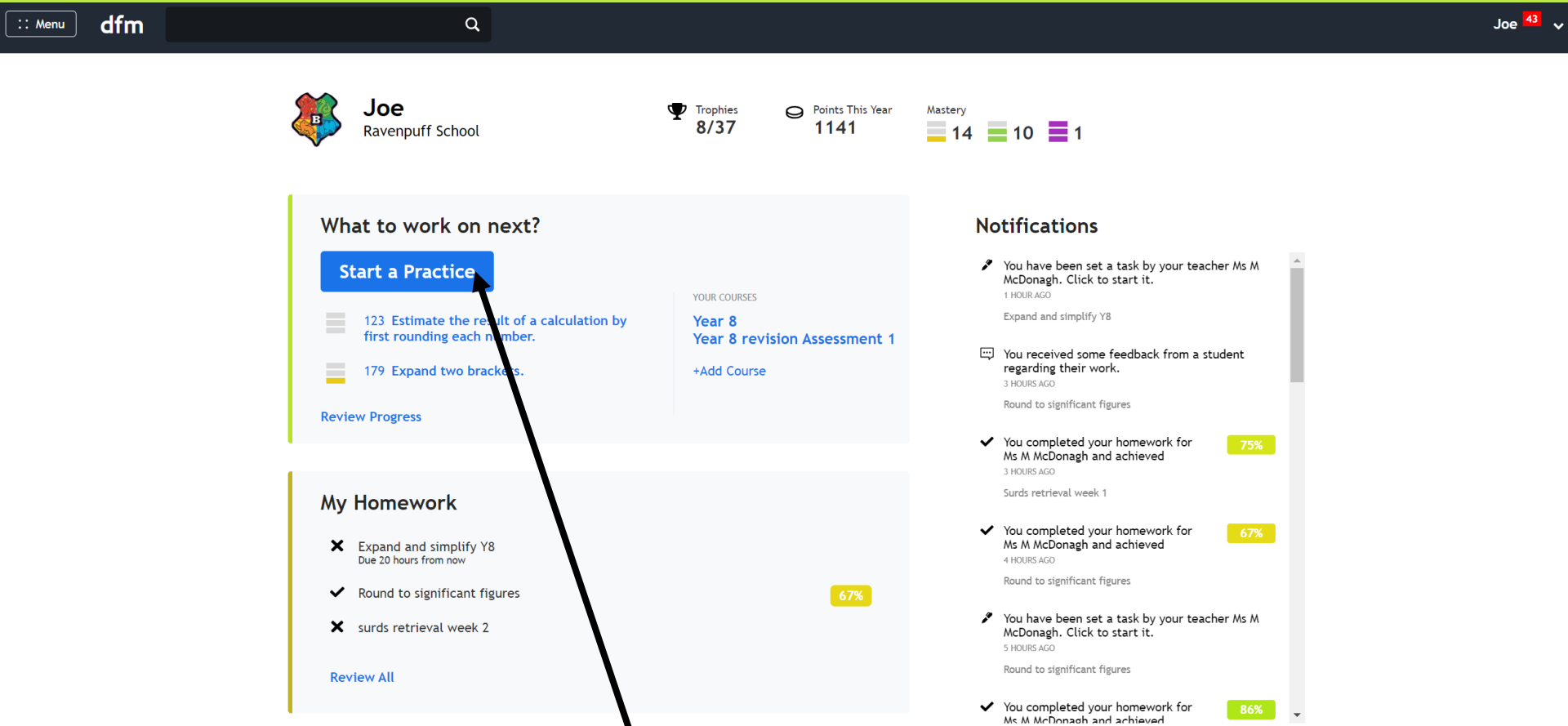
# Independent practice




The **'Start a Practice'** button also has some other review activities. Let's explore these:

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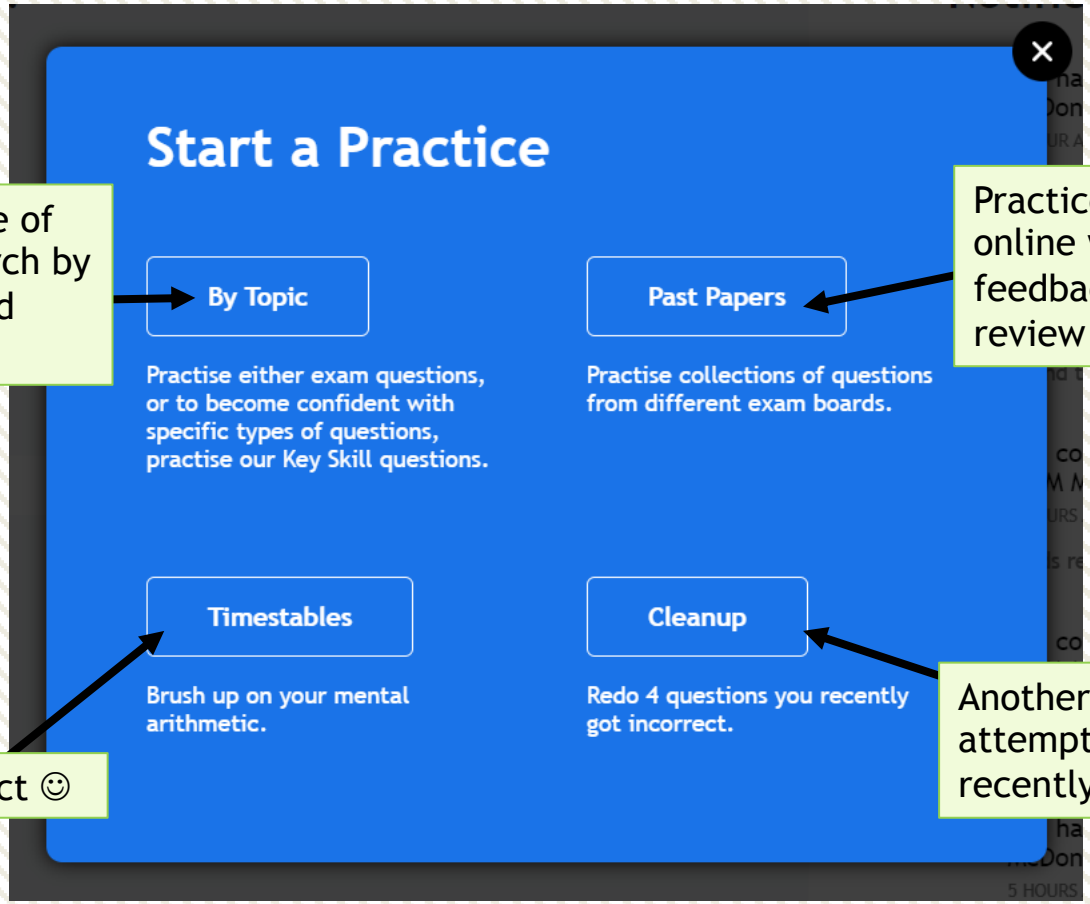
# Independent practice




If you know the name of the skill you can search by topic for Key Skill and Exam practice.

Practice past papers online with immediate feedback if correct and review the mark scheme

Practice makes perfect ☺

Another chance to attempt questions you recently got wrong.

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# Help videos

How to complete and review an assigned task.

How to start an independent practice.

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