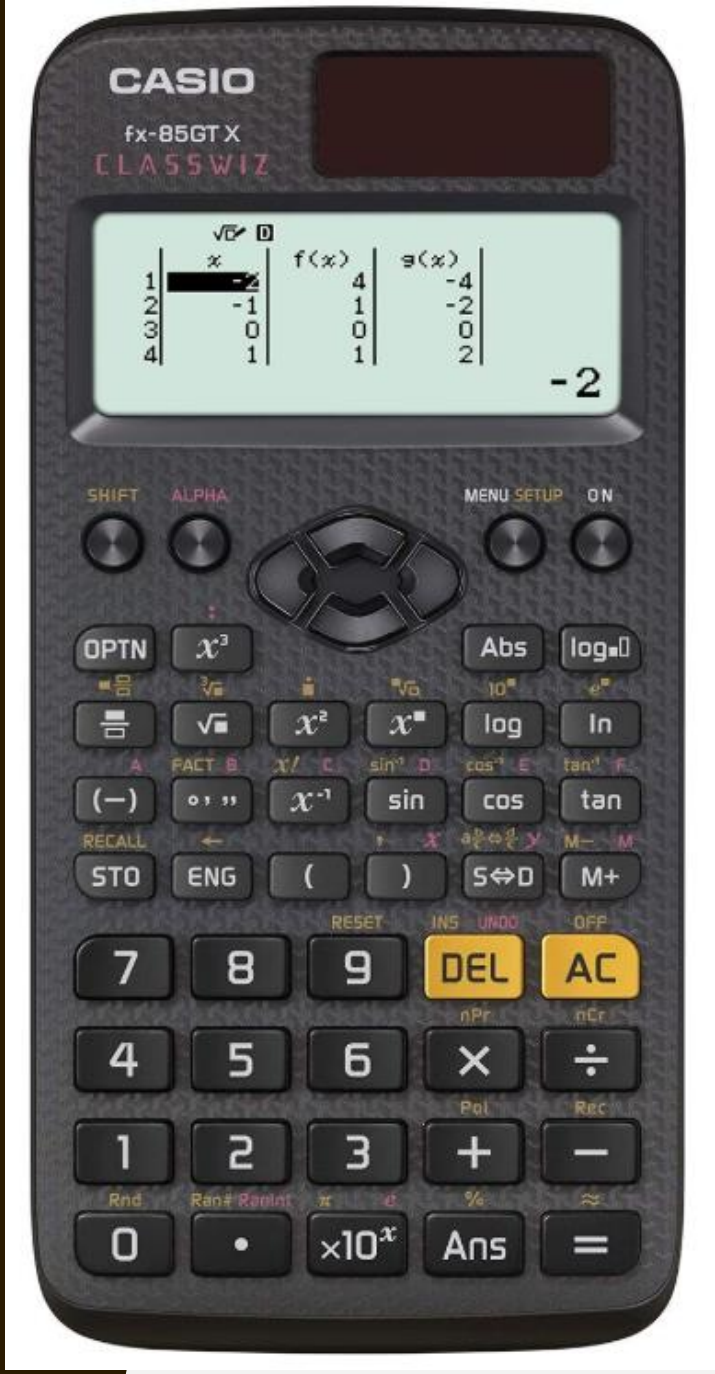
MATHS

WJEC is the Welsh Exam Board and is graded A* to G.

THE TIERS

There are 3 tiers in WJEC Mathematics:

- Higher (Grades A*-C)
- Intermediate (Grades B-E)
- Foundation (D-G)



EQUIPMENT

Students will need the following equipment in order to be successful in both lessons and during exams.

- Black Pen (Ball-point for exam requirement)
- Pencil
- Ruler (30cm)
- Protractor
- Compass
- Scientific Calculator
- It is important that students are regularly attending lessons with the correct equipment so they know how to use it in the exam.

Scientific calculators and full geometry kits can be bought from the school reception.

THE PAPERS
PAPER 1

1 hour 45 minutes for Higher and Intermediate

1 hour 30 minutes for foundation

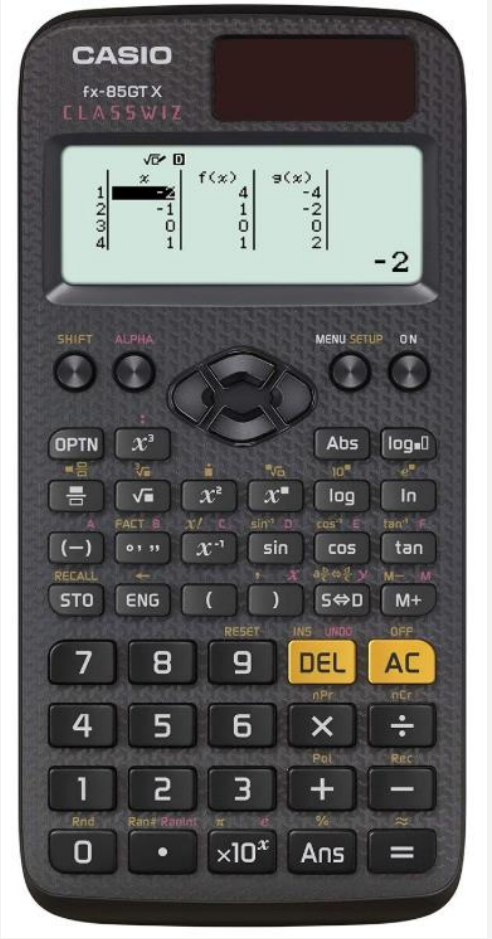
80 marks

50% of your grade

Calculator not allowed

THE PAPERS
PAPER 2

- 1 hour 45 minutes for Higher and Intermediate
- 1 hour 30 minutes for foundation
- 80 marks
- 50% of your grade
- **Calculator Paper**



QWC

There are 2 marks available in WJEC for Quality of Written Communication (QWC).

QWC marks are awarded for how the students have explained their answers. Examiners are not looking for paragraphs but they will be focusing on how they have presented the answers (logical manner, correct use of mathematical symbols, all workings shown) and how they have explained their steps (have they made it clear what they are doing, have they used correct punctuation and spellings)

You will be assessed on the quality of your organisation, communication and accuracy in writing in this question.

A right-angled triangle *ADE* is attached to a trapezium *ABCD* as shown below.

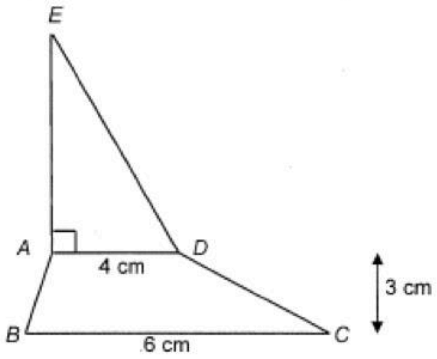


Diagram not drawn to scale

This candidate is awarded 5 marks for the mathematics as the methods and answers are correct.

AD = 4 cm, *BC* = 6 cm, and the perpendicular height of the trapezium is 3 cm.
The triangle and the trapezium have equal area.

Calculate the length of *AE*.

[5 + OCW 2]

Area of trapezium

$= \left(\frac{4+6}{2}\right) \times 3$

$= 5 \times 3$

$= 15 cm^2$

So area of Δ is equal to the area of the trapezium

therefore area of $\Delta = 15 cm^2$

$\frac{AE \times 4}{2} = 15$

$AE \times 2 = 15$

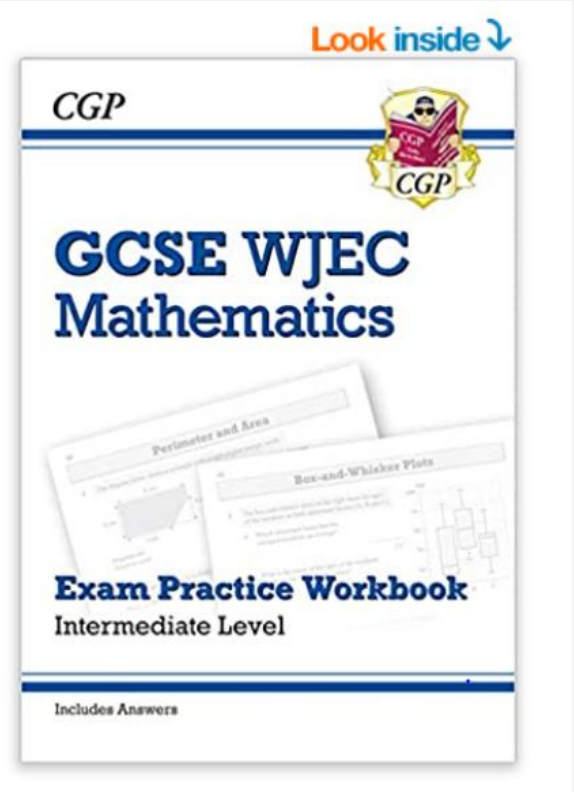
$AE = \frac{15}{2}$

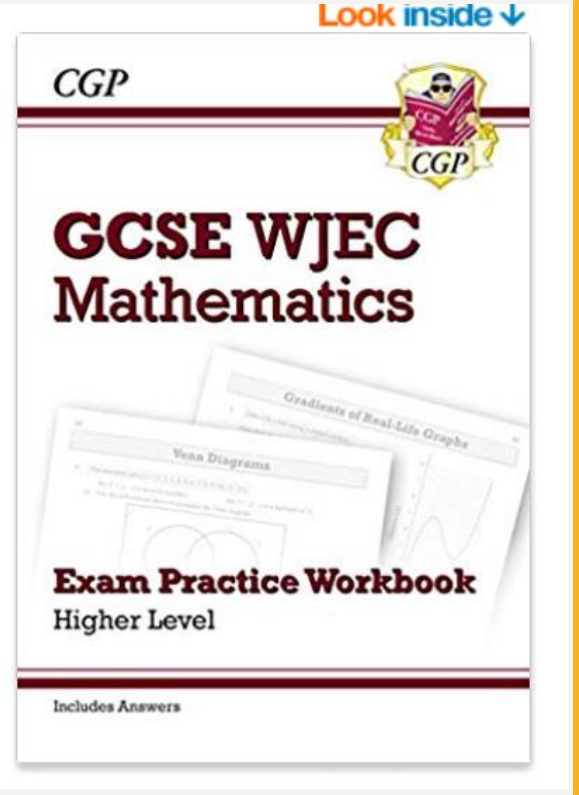
$AE = 7.5 cm$

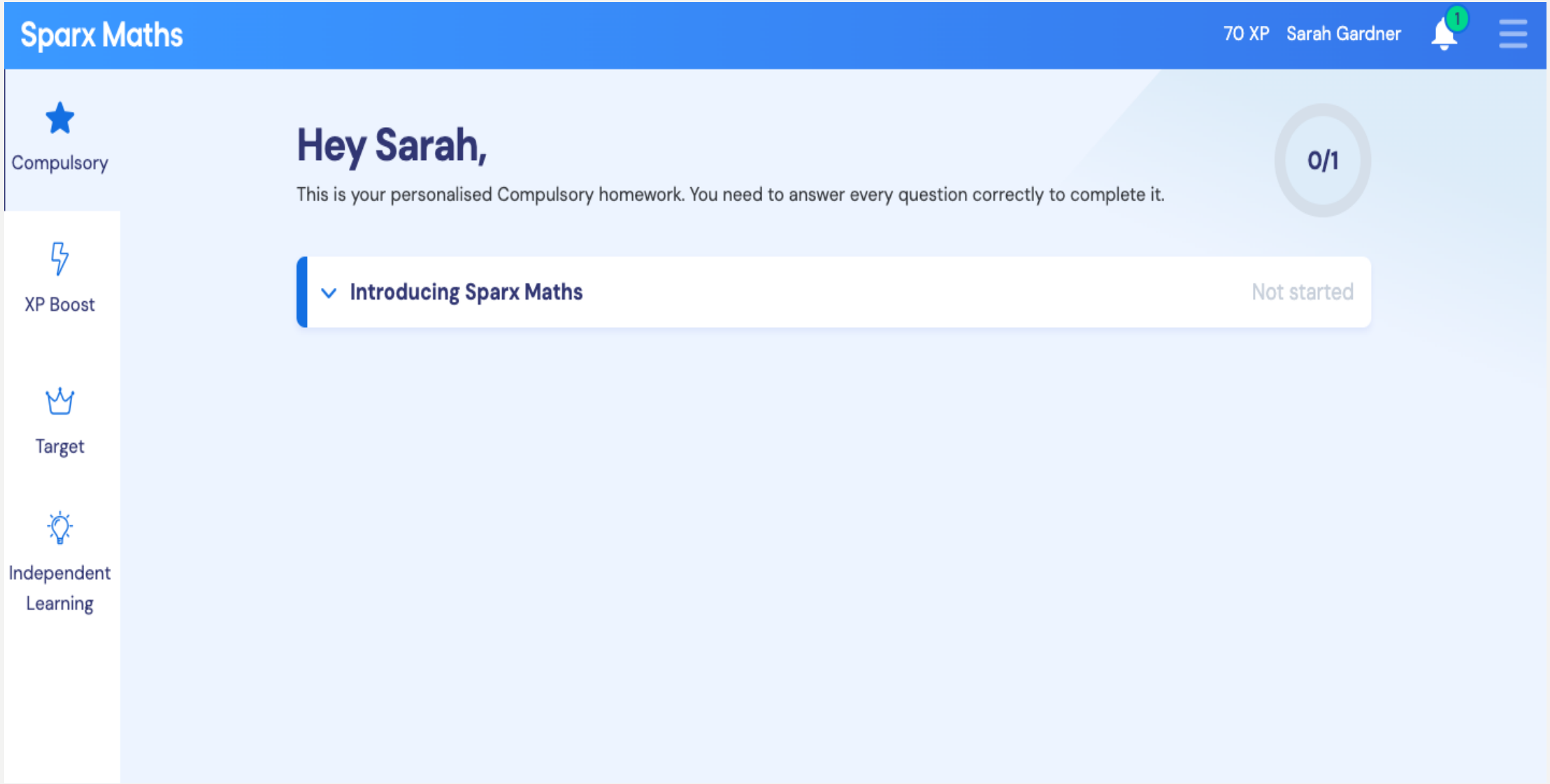
The candidate is awarded OC1 as their response is structured and coherent, with steps labelled. Even though there is no sentence at the end explaining their answer, what is given is self-explanatory.
They are awarded W1 as the response is written using correct English, correct mathematical form is used in their working, and units are used appropriately.

SUPPORT AND REVISION

- Sparx Maths using the independent learning button
- Revision Workbooks can be found in most book shops and on Amazon
- Practise past papers as many as you can!
- Learn your formulas!
- revisegcsemaths.co.uk



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