



SOUTH DARTMOOR
Community College



SIXTH FORM
South Dartmoor



Mathematics

Year 11

Revision evening

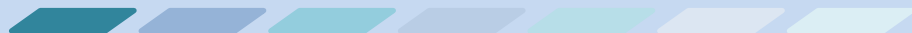
Thursday 29th January

Truth

Respect

Equality

Excellence





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edexcel 

3 exam papers

All 1hr 30 mins

Either Higher or Foundation

Exams

- **Paper 1 Non-calculator**
Thursday 14th May (AM)
- **Paper 2 Calculator**
Wednesday 3rd June (AM)
- **Paper 3 Calculator**
Wednesday 10th June (AM)

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The secret of getting ahead is
getting started.

- Mark Twain

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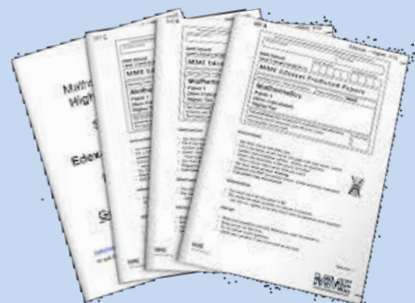
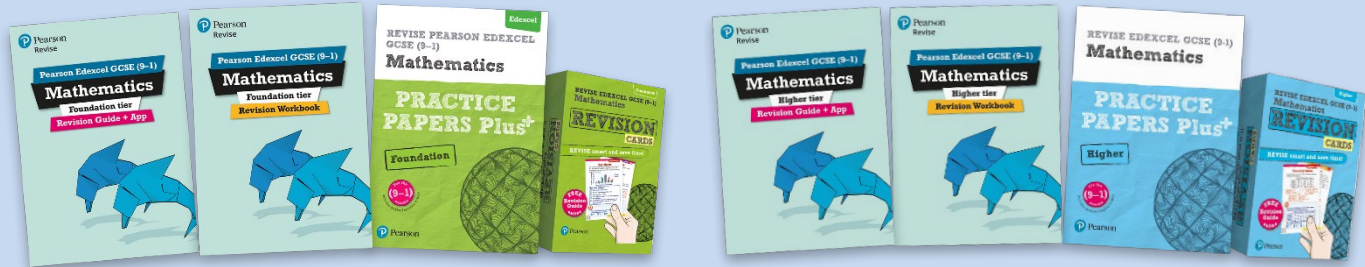


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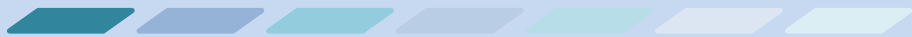
Get the right equipment



Getting Started with Revision



Truth Respect Equality Excellence





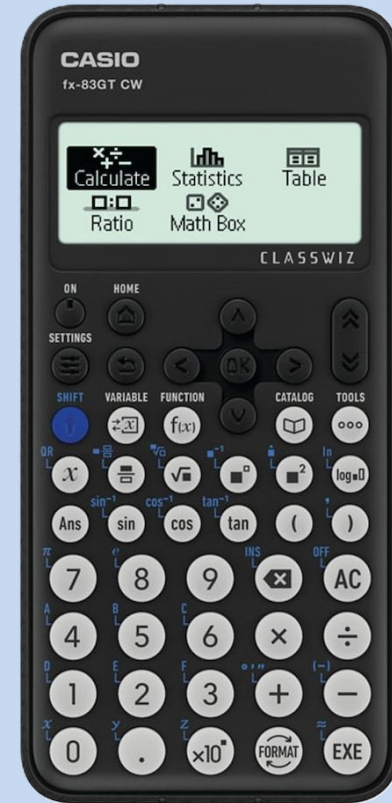
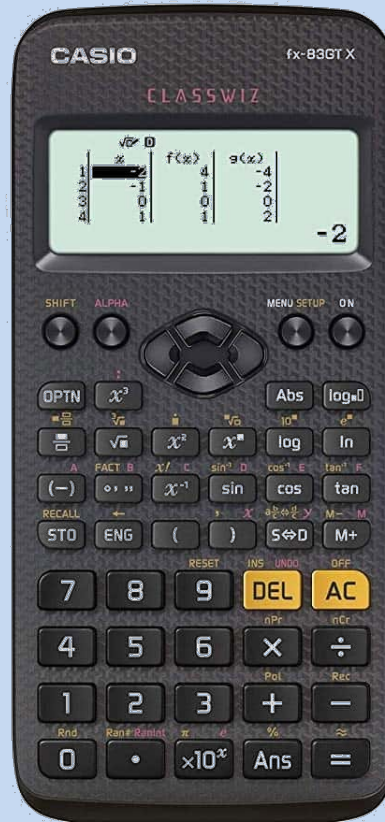
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Make sure you know how to use your calculator

Your Calculator

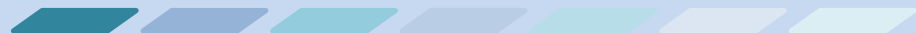


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**DO SOMETHING
TODAY THAT
YOUR FUTURE
SELF WILL
THANK YOU FOR.**

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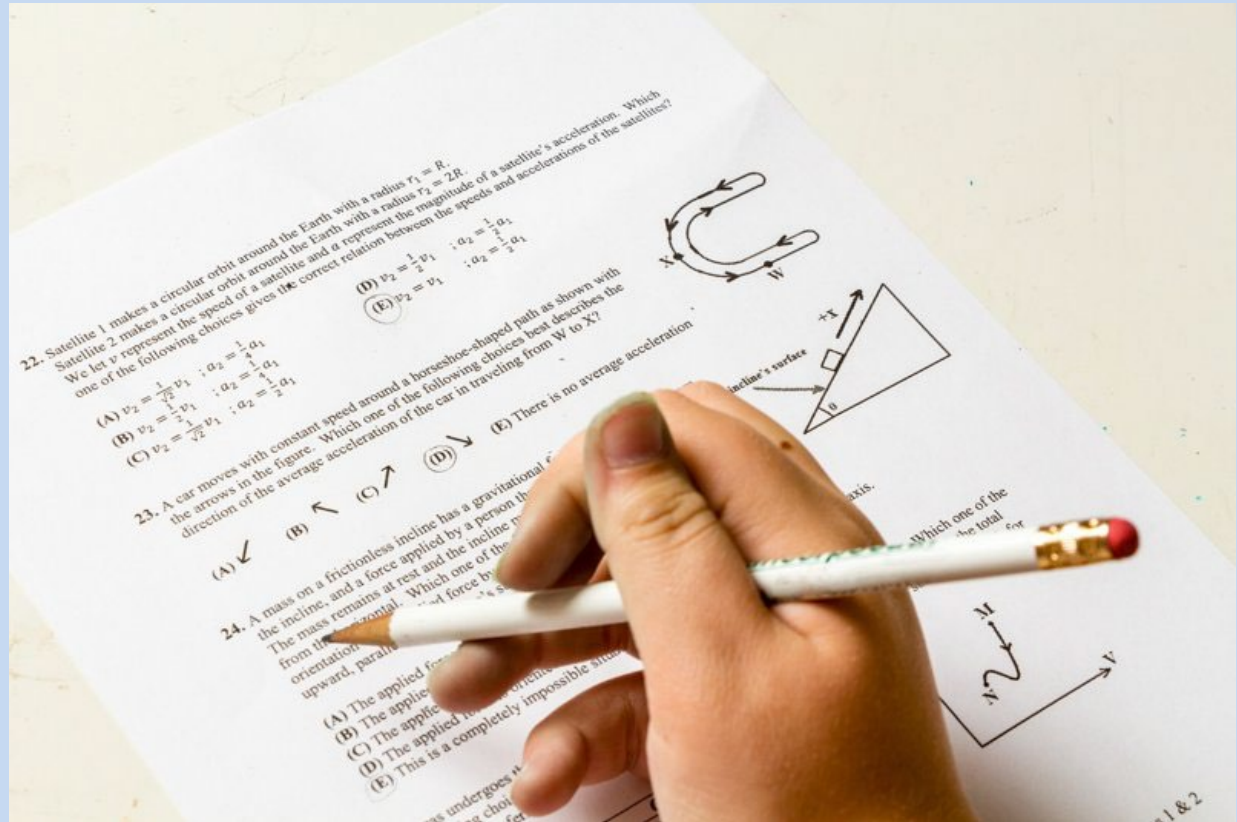


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The best way to revise maths...



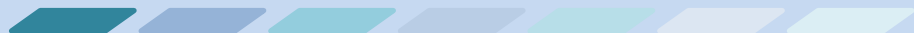
is to do maths.

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Top Tips



Learning maths is a
marathon, not a sprint.

Do your homework!

✓ Homework due Tuesday 27th January 4pm

Completed ✓

✓ Homework due Tuesday 20th January 4pm

Completed ✓

✓ Homework due Tuesday 16th December 4pm

Completed ✓

Homework is now set as revision

Videos and questions on **every** topic

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Be Strategic

Focus your topic revision on the areas you need to work on

Top
Tips

Independent Learning

[Previous activity](#)

Search for topics:

Your curriculum:

GCSE

Default level:

Level 3

Select a topic:

Number



Algebra

$(a+b)$

Ratio and Proportion



Geometry



Probability



Statistics



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Topic Practice

Maths Genie

Maths Genie

Grade 4

#	Videos	Exam Questions	Exam Questions Booklet	Solutions
4.1	Compound Interest and Depreciation	Exam Questions	Compound Interest and Depreciation	Solutions
4.2	Indices	Exam Questions	Indices	Solutions
4.3	Prime Factors, HCF and LCM	Exam Questions	HCF, LCM	Solutions
4.4	Real Life and Distance Time Graphs		Real Life Graphs	Solutions
4.5	Inequalities	Exam Questions	Inequalities	Solutions
4.6	Forming and Solving Equations	Exam Questions	Forming and Solving Equations	Solutions
4.7	Sequences (Nth Term)	Exam Questions	Sequences (nth term)	Solutions
4.8	Expanding and Factorising	Exam Questions	Expand and Factorise	Solutions
4.9	Pythagoras	Exam Questions	Pythagoras	Solutions
4.10	Angles in Parallel Lines	Exam Questions	Angles in Parallel Lines	Solutions
4.11	Angles in Polygons	Exam Questions	Angles in Polygons	Solutions
4.12	Surface Area	Exam Questions	Surface Area	Solutions
4.13	Volume of a Prism	Exam Questions	Volume of Prisms	Solutions
4.14	Cylinders	Exam Questions	Volume and Surface Area of Cylinders	Solutions
4.15	Loci and Construction		Loci and Construction	Solutions
4.16	Bearings		Bearings	Solutions
4.17	Plans and Elevations	Exam Questions	Plans and Elevations	Solutions

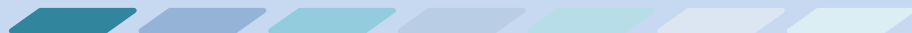
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Past Papers

Top
Tips

Maths Genie GCSE A Level Maths

Topics	Maths Exam Papers	Revision
GCSE Maths	Edexcel Papers	Predicted Papers
IGCSE Maths	OCR Papers	45 Minute Papers
GCSE Statistics	AQA Papers	Mini Tests
Scheme	Eduqas Papers	

Make sure you use the correct tier!

MS Ans ▶

Mark Scheme Worked Solutions Video Walkthrough



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Workings

Work out $7\frac{3}{8} - 2\frac{1}{2}$

Give your answer as a mixed number.

$$7\frac{3}{8} = \frac{59}{8}$$

$$2\frac{1}{2} = \frac{5}{2}$$

$$\frac{59}{8} - \frac{5}{2}$$

1 mark

$$= \frac{59}{8} - \frac{20}{8}$$

1 mark

(Note: An arrow labeled 'x4' points from the second fraction in the first step to the second fraction in the second step.)

$$= \frac{39}{8}$$

8, 16, 24, 32

$$4\frac{7}{8}$$

Final mark

(Total for Question 5 is 3 marks)

3 marks
2 for workings
1 for the answer!

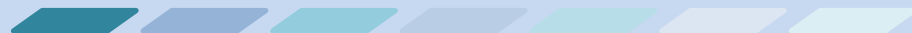
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Read The Full Question

Of the 56 tuna sandwiches sold, 18 were sold on Friday.

(b) Write 18 as a percentage of 56

Give your answer correct to the nearest whole number.

$$\frac{18}{56} \times 100 = 32.142857$$

32.142857%

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Timing

- 1 minute per mark (roughly)
- 90 minutes per paper
- 80 marks per paper

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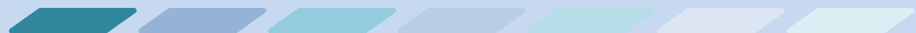


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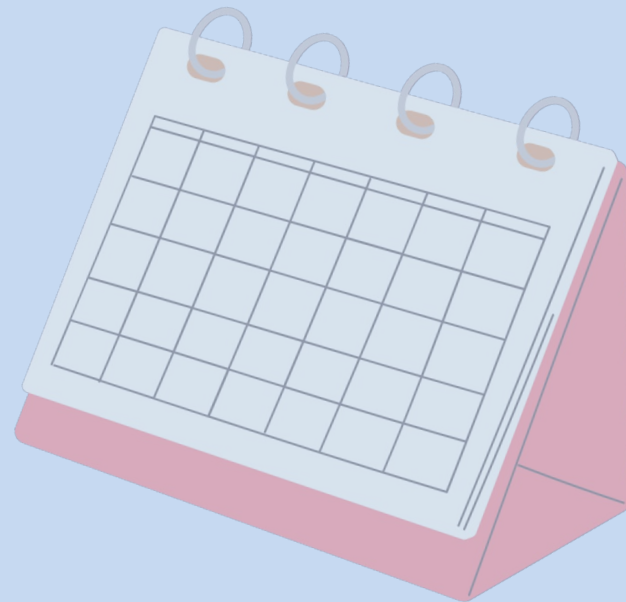
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Opportunities

Take every opportunity!

- Maths Clinic – Every Lunch in B9
- Maths Masterclasses – After School

Top
Tips

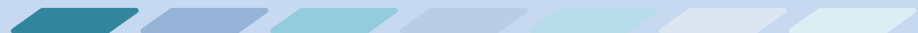


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Lessons

Top
Tips



USE
YOUR
TIME
WISELY

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The 'photo' finish:

Key points:

- Sparx
- Past Papers – Maths Genie

Resources

Other useful tools:

- Revision Guides and Workbooks
- Flashcards
- Corbettmaths
- YouTube

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**Nothing is
impossible,
the word itself
says "I'm possible"!**

-Audrey Hepburn

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