

Y11 Revision - Maths

Mock Exams and Feedback

- One of the best ways for our students to make progress throughout Y11 is by working on feedback gained from mock exams
- Mock exam schedule
 - October Mock (Calc) – Taken last week
 - November Mocks Full Set – Taking place w/c 08/12/25 & 15/12/25
 - March Mock exams (Full set) – Taking place w/c 23/2/25

Student Feedback Sheets

- After each exam – students receive a bespoke feedback sheet highlighting their strengths and weaknesses
- Students can use this to address specific problem areas that they need to work on

PAPER 1 FEEDBACK

Target:

Mark:

Grade:

Crossover Qs:

5

46

4

2

Name:

NASSAR, Israr

Comment:

You were 14 marks away from a grade 5.

GRADE BOUNDARIES

This tells you the grade allocation for the OCR Nov 2023 Paper 1.

Grade	Mark
5	60
4	45
3	32
2	19
1	5
U	0

TOPIC AREA DISTRIBUTION

This tells you how well you did for each topic area and which area had the most marks available.

Area	Marks	Total	%
Number	9	22	41%
Algebra	13	21	62%
Ratio & Proportion	13	22	59%
Geometry & Measure	8	19	42%
Probability	3	11	27%
Statistics	0	5	0%

ASSESSMENT OBJECTIVES

This tells you how well you did in, AO1: using and applying techniques. AO2: reasoning, interpreting, and communicating. AO3: solving problems within context.

Objective	Marks	Total	%
AO1	26	43	60%
AO2	8	24	33%
AO3	12	33	36%

QUESTION ANALYSIS

This tells you the topics for each question, how many marks you received and which part of the video walkthrough you should watch. Look at the topics where you have lost the greatest number of marks and attempt the associated task.

Qs	Topic	Marks	MW
1a	Identify a pyramid	0 / 1	
1b	Identify a pentagon	0 / 1	
1c	Sketch a quadrilateral from its properties	0 / 1	
2a	Round to the nearest hundred	1 / 1	
2b	Round to the nearest penny	0 / 1	
3a	Identify a fraction of a shaded shape	1 / 1	
3b	Shade a fraction of a diagram	1 / 1	

Qs	Topic	Marks	MW
13	Percentage problem	1 / 4	
14	Recognise linear and cubic graphs	2 / 2	
15	Function machine problem	4 / 4	
16a	Multiply out brackets	2 / 2	
16b	Solve linear inequality	2 / 2	
16c	Solve a quadratic equation by factorising	3 / 3	
17a	Prime number explanation	1 / 1	

What actions should a student be taking at home?

- Each question is directly linked to a Mathswatch video clip
- If there is no suitable Mathswatch clip, a corbettmaths video clip has been linked instead
- We'll look at these websites in a little more detail.

PAPER 1 FEEDBACK

Target:5

Mark:46

Grade:4

Crossover Qs:2

Name:

NASSAR, Israr

Comment:

You were 14 marks away from a grade 5.

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17a	Prime number explanation	1 / 1	

What actions should a student be taking at home?

- This student needs to practice Rounding to the Nearest Hundred. They can do that by visiting clip number 31 on Mathswatch.

PAPER 1 FEEDBACK

Name: NASSAR, Israr

Target: 5 Mark: 46 Grade: 4 Crossover Qs: 2 Comment: You were 14 marks away from a grade 5.

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Students can find specific videos and questions to help improve

Clip 31 Rounding to the Nearest 10, 100, 1000

One Minute Maths

Interactive Questions

Worksheet

ROUNDING TO THE NEAREST 10, 100, 1000

04:27

Find a Clip

Qualification

GCSE

Tier

All

Grade

All

Topic

All

Search

rounding

Choose Clip (4)

Clip	Title
31	Rounding to the Nearest 10, 100, 1000
32	Rounding to Decimal places
90	Rounding to Significant Figures
155a	Error Intervals - Rounding

Ongoing revision/reviews

- Students can access Mathswatch all the way through the year and should include this in their revision schedules
- Mathswatch is extremely easy to search for content – all students learning objectives will link to a Mathswatch clip number



MathsWatch

Consistent Past Paper Revision

- The most effective way for our students to revise is the use of past papers.
- Every student in our trust receives a past paper every 2 weeks.
- Expectations of how much a students should be aiming to complete may vary slightly depending on current level of understanding/targets
- The majority of our students will also be marking these papers upon completion – understanding the marks cheme is also really helpful in developing understanding!

OCR
Oxford Cambridge and RSA

F

GCSE (9–1) Mathematics
J560/01 Paper 1 (Foundation Tier)

Thursday 2 November 2017 – Morning
Time allowed: 1 hour 30 minutes



You may use:

- A scientific or graphical calculator
- Geometrical instruments
- Tracing paper



First name

Last name

Centre number

Candidate number

INSTRUCTIONS

- Use black ink. You may use an HB pencil for graphs and diagrams.
- Complete the boxes above with your name, centre number and candidate number.
- Answer **all** the questions.
- Read each question carefully before you start to write your answer.
- Where appropriate, your answers should be supported with working. Marks may be given for a correct method even if the answer is incorrect.
- Write your answer to each question in the space provided.
- Additional paper may be used if required but you must clearly show your candidate number, centre number and question number(s).
- Do **not** write in the barcodes.

INFORMATION

- The total mark for this paper is **100**.
- The marks for each question are shown in brackets [].
- Use the π button on your calculator or take π to be 3.142 unless the question says

Mathswatch Revision Challenge

- The Mathswatch revision challenge will be launched in the build up to the January mocks.
- Involves 6 weeks of tasks (one small task every day) building up through the grades
- Revision Champions are nominated at the end of the challenged
- Highly incentivised

Assignment Title

Week 1a - Monday

Week 1b - Tuesday

Week 1c - Wednesday

Week 1d - Thursday

Week 1e - Friday

Week 2a - Monday

Week 2b - Tuesday

Week 2c - Wednesday

Week 2d - Thursday

Week 2e - Friday



Other revision resources

- Corbettmaths.com – another free video site that has worksheets with answers provided
- Really great explanations



Corbettmaths

Area: trapezium [Video 48](#) [Practice Questions](#) [Textbook Exercise](#)

Area: triangle [Video 49](#) [Practice Questions](#) [Textbook Exercise](#)

Averages: median [Video 50](#) [Practice Questions](#) [Textbook Exercise](#)

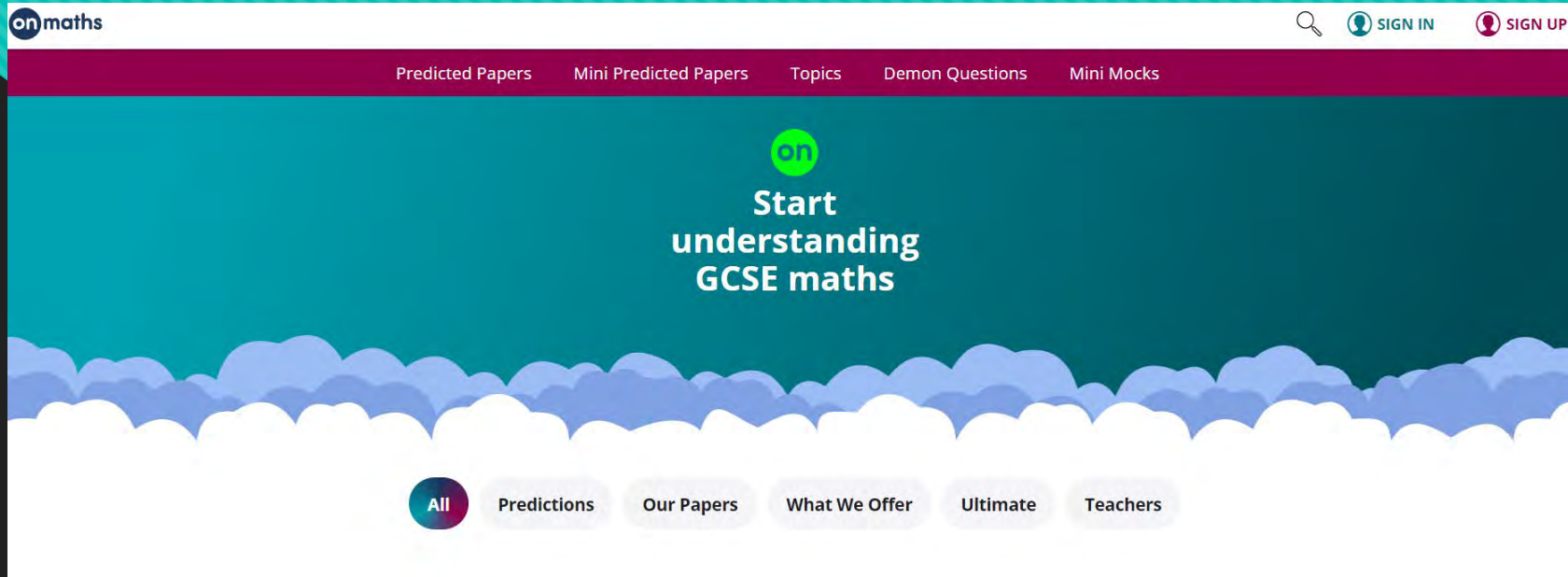
Click here for answers

Averages: median (frequency table) [Video 51](#) [Practice Questions](#) [Textbook Exercise](#)

Averages: median (grouped data) [Video 52](#) [Practice Questions](#) [Textbook Exercise](#)

Averages: mean [Video 53](#) [Practice Questions](#) [Textbook Exercise](#)

OnMaths



- Fantastic resource that produces online practice GCSE papers.
- Uses information from exam boards to produce 'predicted papers'
- Gives students instant feedback
- Uses number generators so students can re-attempt questions that they have got wrong

MathsGenie – GCSE Graded Revision Resources

- Organised by topic and by grade – really good for targeted revision
- Exam questions are available that match our spec
- Solutions are available for all exam questions
- Video help available throughout

Maths Genie GCSE A Level Maths A Level Papers KS2 Revision

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

After School Revision Sessions

- BESPOKE PER SCHOOL – PLEASE AMEND THIS SLIDE

Intervention Sessions

- BESPOKE PER SCHOOL – PLEASE AMEND THIS SLIDE

To help our students progress...

- Every student needs to come to every lesson full equipped (including scientific calculator)
- We also ask students to bring in a folder for their Maths lessons as this helps to keep notes, mocks, practice papers and booklets neatly organised and more accessible for students to revise from.

