

Year 11 Revision Information Sheet

New GCSE MATHEMATICS 1-9

Exam Dates Summer 2018

- Thursday 24th May am - Non Calculator (1 hour 30 mins)
- Thursday 7th June am – Calculator (1 hour 30 mins)
- Tuesday 12th June am – Calculator (1 hour 30 mins)

EDEXCEL code 1MA1

Higher Tier Grades 4-9

Foundation Tier Grades 1-5

Revision Websites

- **NEW Mathswatch** <https://vle.mathswatch.co.uk>
New and improved Mathswatch. Each student has their personal login, but here is a standard login.
User Name: **student@etone** Password: **etonecollege**
Access to Video and worksheets
- **Mymaths** www.mymaths.co.uk
Use the lessons to refresh your knowledge. There are Boosters for particular grades as well.
- **Just Maths** <https://online.justmaths.co.uk/>
User Name: **EtoneStudent** Password: **Etone**
Access to video tutorials and worksheets of common exam questions.
Here they have a 'Top 60' topics/revision list which are likely to turn up.
- **Corbett Maths** <http://corbettmaths.com/>
Worksheets, Videos aimed at all grades. No log in required.
- **MathedUp** <http://www.mathedup.co.uk/classes/10n2/gcse-maths-takeaway/>
Worksheets, Videos aimed at all grades. No log in required.

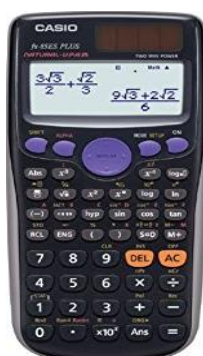
IF YOU HAVE LOST OR MISPLACED YOUR PASSWORD OR LOGIN ID – PLEASE SEE THE MATHS DEPT.

Mathematics Mock Exam

Tuesday 28th November

Monday 4th December

Tuesday 5th December



Don't forget your
**SCIENTIFIC
CALCULATOR!**

New GCSE Grading Structure

Ofqual

NEW GCSE GRADING STRUCTURE		CURRENT GCSE GRADING STRUCTURE
9		A*
8		A
7		
6	GOOD PASS (DfE) 5 and above = top of C and above	B
5		
4	AWARDING 4 and above = bottom of C and above	C
3		D
2		E
1		F
		G
U		U

The language of your Maths exam!

Estimate
Don't work out exactly!
Round the numbers, then tell the answer.
Estimate 4.7×6.2
Answer: $5 \times 6 = 30$

Calculate
You will need to do a sum either with or without your calculator.

Work out
A written or mental calculation is needed.
Work out 6^2
Answer: $6 \times 6 = 36$

Simplify
Collect like terms together
Simplify $e + 7e$
Answer: $8e$

Give your answer in its simplest form
Cancelling of a fraction or ratio is needed.
 $\frac{12}{15}$ simplified is $\frac{4}{5}$

Expand
Multiply out (remove brackets)
Expand $4(3x - 2)$
Answer: $12x - 8$

Explain
You must state why!

You must show your working
If you don't show your working you won't get ALL the marks!

Describe fully
Usually transformations:
Translation by a vector (2 marks)
Enlargement of a scale factor about a point (3 marks)
Reflection in a mirror line (2 marks)
Rotation through an angle about a point (3 marks)

Solve
Find the value of, usually find what x is!
Solve: $3x = 12$
Answer: $x = 4$

Factorise
To find factors (put brackets in)
Factorise $6x + 10x^2$
Answer: $2x(3 + 5x)$

Sketch
An accurate drawing is not needed; freehand will do!

Construct, using ruler and compasses
Your ruler is a straight edge and compasses must be used to draw arcs.

Measure
Use a ruler or protractor to accurately measure lines or angles.

Diagram NOT accurately drawn
Don't measure angles or sides.