



- Exam Board Edexcel
- Tiers;
  Foundation (Grades 1 5) Higher (Grades 4-9)
- 3 x Papers; Paper 1 (Non-calculator) Paper 2 (Calculator) Paper 3 (Calculator)
   Each paper is worth 80 marks, a total of 240 marks.

#### **Upcoming GCSE Exams**

GCSE Paper 1: Thursday 15 May 2025 (AM)

GCSE Paper 2: Wednesday 04 June 2025 (AM)

GCSE Paper 3: Wednesday 11 June 2025 (AM)

# Revise with your exam toolkit!

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**Black Pen** 

JI

Ruler



Pencil



Rubber

Compass



Scientific Calculator



**Pencil Sharpener** 



Protractor

COSX

# STRATEGIES MOVING FORWARD

What does the school support look like / what will we be providing?

- Regular homework
- Intervention sessions
- Specific & personal feedback from mocks (QLAs)
- Access to past papers.

	Name:																
-	Paper 1				1	1	Paper 2					1	Paper 3				~
2	Topic	Max	Actual	RAG	Clip #	Q	Topic	Max	Actual	RAG	Clip#	Q	Topic	Max	Actual	RAG	5 C
	Converting time	1	1	100%	710	1	Convert fractions to percentages	1	1	100%	76	1	Factors of a number	1	1	100%	16
2	Convert decimals to percentages	1	1	100%	55	2	Round decimal numbers	1	1	100%	56	2	Fraction of an amount	1	1	100%	16
	Order of operations (positive integers)	1	1	100%	24	3	Index form	1	1	100%	102	3	Convert decimals to fractions	1	1	100%	
	Prime numbers	1	0	0%	28	- 4	Place value	1	1	100%	13	- 4	Multiple of a number	1	1	100%	16
5	Addition, division	1	1	100%	18, 22	5a	Converting length	1	0	0%	692	5	Converting length	1	1	100%	16
5	Money	4	4	100%	752	5b	Converting capacity/volume	1	1	100%	698	6	Compare quantities using ratios	1	1	100%	16
5	Interpret a vertical line graph	2	2	100%	425	5c	Converting mass	1	1	100%	695	7	Substituting a value into a formula	2	2	100%	16
b	Interpret a vertical line graph	1	1	100%	425	6	Factors, multiples, odd and even numbers	3	3	100%	27, 33, 25	8	Sequence of triangle numbers	2	2	100%	16
8	Compare fractions	2	2	100%	60	7	Systematic listing	2	1	50%	670	9a	Data collection sheets	2	2	100%	16
а	Calculate distance given speed and time	2	0	0%	719	8	Money	5	5	100%	744, 745	9b	Drawing bar charts	3	2	67%	5
ь	Calculate time given speed and distance	2	2	100%	721	9a	Speed	2	2	100%	716	9	Interpreting bar charts	1	1	100%	16
)a	Collect like terms	1	1	100%	156	9b	Speed	2	2	100%	719	10a	Parts of the circle	1	1	100%	16
b	Solve 1-step equations	1	1	100%	178	10a	Prime numbers	2	2	100%	28	10b	Parts of the circle	1	0	0%	
)c	Solve 2-step equations	2	2	100%	179	10b	Prime numbers	1	0	0%	28	11a	Money - change problems	3	3	100%	16
1	Long multiplication	2	2	100%	21	11a	Collect like terms, solve 1-step equations	1	1	100%	156, 178	11b	Decrease by a fraction	2	2	100%	10
a	Complementary angles	2	2	100%	815	11b	Solve 1-step equations	1	1	100%	178	12	Arithmetic word problems	3	3	100%	%
b	Vertically opposite angles, corresponding angles	3	1	33%	480, 483, 812	11c	Solve 2-step equations	1	1	100%	179	13	Interpret stem-and-leaf diagrams	2	2	100%	Ké
3	Converting length	1	0	0%	692	12	Pie charts	3	0	0%	427	14a	Perimeter of a rectangle	1	1	100%	16
a	Fractions of an amount	1	1	100%	77	13	Probability of an event not happening	2	1	50%	353	14b	Perimeter and algebra	1	0	0%	
b	Linking dividing fractions and whole numbers	1	1	100%	72	14	Frequency trees	3	3	100%	368	15	Percentages and two-way tables	4	2	50%	6 8
ia	Square roots	1	1	100%	101	15a	Angles in a triangle	1	1	100%	486	16	Mutually exclusive events and ratio	4	4	100%	16
ib	Cube numbers	1	1	100%	100	15b	Alternate angles	1	1	100%	481	17a	Straight line graphs	2	2	100%	
ia	Expand a single bracket	1	1	100%	160	16	Data collection sheets (tally charts)	3	3	100%	401	17b	Straight line graphs	2	2	100%	16
ib	Factorise simple expressions	1	1	100%	168	17	Recipe problems	3	1	33%	742	18	Reflect a shape in a horizontal line	2	0	0%	4
71	Experimental probability and relative frequency	1	0	0%	356	18	Describe transformations	2	0	0%	652	19	Solve 2-step equations	2	0	0%	
11	Experimental probability and relative frequency	1	0	0%	356	19	Area of a semicircle, rates of pay	5	1	20%	541, 755	20	Displaying sets in Venn diagrams	4	4	100%	
8	Area of a rectangle, money	4	1	25%	554, 752	20a	Index form	1	1	100%	174	21	Percentage profit	3	1	33%	
Pa	Subtract fractions	2	2	100%	66	20b	Index form	2	1	50%	174	22a	Expand double brackets	2	1	50%	
ю	Multiply fractions	2	0	0%	69	20c	Index form	2	2	100%	175	22b	Factorise simple expressions	2	2	100%	
0	Area, ratio and percentage problem solving	3	0	0%	554, 328, 330, 149	21a	LCM	2	0	0%	34,35	23a	Complex calculations using a calculator	2		100%	16
1	Two-way tables	4	4	100%	424	21b	HCF (prime factorisation)	1	0	0%	32	23b	Round to significant figures	1	0	0%	4
a	Mutually exclusive events	2	2	100%	354	22	Straight line graphs	3	0	0%	204, 208	24	Scatter diagrams	2	2	100%	16
b	Mutually exclusive events	2	2	100%	354		Percentage increase, compare numbers using ratios		2	40%	90, 328	25	Mean from frequency tables	3	0	0%	
la	Recipe problems	3	1	33%	739	24a	Drawing quadratic graphs	2	1	50%	251	26	Converting volume units	1	0	0%	4
b	Recipe problems	2	0	0%	739	24b	Drawing quadratic graphs	2	0	0%	251	27	Speed	4	1	25%	4
4	Highest common factor	2	0	0%	31	24c	Simultaneous equations using graphs	2	0	0%	259	28a	Convert an ordinary number into standard form	1	1	100%	
5	Plans and elevations	2	1	50%	841, 842	25	Pressure, percentage change	3	2	67%	734, 97	28b	Convert a number from standard form	1		100%	
6	Reflect a shape, describe a translation	3	0	0%	639, 650	26	Pythagoras theorem, volume of a prism	5	0	0%	499, 570	28c	Compare numbers in standard form	1	1	100%	
7	Share in a given ratio	4	0	0%	332		Total:		44			29	Interior angles in polygons problem solving	4	0	0%	5
8	Perimeter and area of a rectangle	4	0	0%	550, 554							30	Area of a circle problem solving	3	0	0%	5
Ra Hb	Find the turning point of quadratic graphs	1	0	0%	255							1 T	Total:		53	1 -	

# MATHS REVISION TIPS

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To be successful at revision it is important that you know what you need to do. Use your revision checklist/QLA to make a list of all the topics that you need to cover.



## Make a plan

Plan exactly when you are going to revise and be strict with yourself. Break your revision sessions into manageable chunks and plan rest breaks in.



### Do maths

Don't just read through the textbook!

#### The only way to revise maths is to do maths.

You will do much better spending 20 minutes doing maths questions than spending two hours just reading a textbook.

# MATHS REVISION TIPS



#### Be strategic with revision topics

Don't just practice the topics you can do. Although it can be painful, work your way through the topics that you struggle with (use your QLA), because it's better to struggle at home, then seek help, than it is to struggle in the exam.

## Ask for help!

Once you're in your exam, you're on your own. Use the time now to seek help on topics you are struggling with. This can be from your teacher, friends, someone at home or using videos from our recommended websites.

Practice exam conditions!

Once you have gained some confidence, work on questions, in silence, with no help, for a fixed amount of time. This will get you used to what it will be like in the exam, how fast you need to go, and is the best way of checking that you really understand a topic.



#### https://padlet.com/hannahhiggins8/maths-gcse-revsion-wmiGr04v18t0mzmb



# MATHS REVISION EXAMPLE - AREA OF A CIRCLE

# Do you have the knowledge?

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### Practice



# Revisit with recall

Most people struggle to learn maths by reading. Get input from your teacher or a video. For area of a circle, we need to know the formula, substitution, exact values, how to use our calculator and rounding. Making clear notes from guided examples is important before you start trying to tackle questions.

The only way to get confident is to find the area of lots of circles! Start with basic questions and build up to exam questions. Area of a circle exam questions can involve working backwards to find the radius, compound area or tackling worded problems in context. We need exposure to all of this to be exam confident!

Make sure you come back and try questions again regularly. This allows knowledge to stick in your long-term memory! If you are using Sparx Maths as a revision tool it has a great consolidation feature. Corbett 5 a day and regular exam practice are also good ways to mix up retention topics!

# **STRATEGIES MOVING FORWARD**

What can parents do to support their children through their GCSEs?

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- Give guidance for revision techniques.
- Help draw up a realistic revision timetable.
- Keep them motivated ensure they have a positive working environment.
- Check in with them regularly be supportive throughout the whole process, and make sure they are properly equipped for revision. This can include resources and equipment.
- Quiz them Formulae, methods, topics etc.