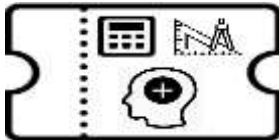


Name: \_\_\_\_\_



## Boarding Pass

- Belief than anyone can do maths
- Revision timetable created
- Casio FX-85GTX Calculator
- Geometry set
- Knowledge organiser booklet
- Revision flash cards
- I know my Hegartymaths Login

Finals 1 dates:

P1

P2

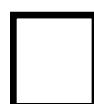
P3



## Revision Guidance Videos



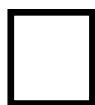
Hegarty essentials



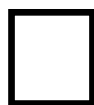
MemRi



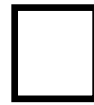
How to self-quiz



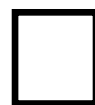
Exam  
Technique



Using a mark  
scheme



Get your  
mind right



Know your  
calculator

# Essential Stop Offs

100%

1

Try to achieve 100% on each of these

Algebra Topics	Clip and quiz numbers												
Substitution	784	785	786	787			778	779				279	
Expanding triple brackets	166												
Algebraic fractions: expressions / linear equations	172		187										
Factorising quadratic expressions: $ax^2+bx+c$	225	226	227	228									
Quadratic expressions: Algebraic fractions / Completing the square	229		235	236	237								
Quadratic equations: Factorising / Quadratic formula / Completing the square / Algebraic fractions / In context	231	232	233		241	242		238	239		244	245	
Simultaneous equations: Solving / Graphically / involving quadratics	190	191	192	193	194	195		218		219	220	246	
Manipulating powers	790	791	792	793	794	795							
Exponential equations	796	797	798	799									
Equation of a straight line: Parallel and Perpendicular lines	214		215	216									
Quadratic graphs: Turning points and discriminant	256	243	258										
Simultaneous equations on graphs: Quadratic/ linear	259	260											
Exponential graphs	302	800	801	802	803								
Exponential growth / decay problems	804	805	806	807		808	809	810	811				
Trigonometric graphs	303	304	305	306									
Graph transformations	307	308	309	310	311	312	313						
Speed-time graphs	881	882	883	884	885	886							
Rate of change graphs	894	895	896										
Estimating gradient from a curve	887	888	889	890									
Estimating area under a curve	891	892	893										
Equation of a circle / tangents to circles	778	779	314	315	316	317		318	319	320			
Linear inequalities as graph regions	273	274	275	276									
Quadratic inequalities	277												
Functions: notation / domain and range / composite / inverse / problem solving	288	289		290	291	292		293	294		295	296	297
Other sequences: Quadratic sequences / Recurrence relations	247	248	249	250		262							
Iteration and numerical methods	322	323											
Proof and counter-examples / Algebraic proof	324		324	325	326								

Ratio, Proportion and Rates of Change	Clip and quiz numbers									
Problems - ratio / recipes	335	336	337	338		739	740	741	742	
Scale drawings	870	871								
Proportion - direct / inverse / graphs	344	345		347		348				

Geometry and measure Topics	Clip and quiz numbers									
Circle theorems: Angles inside a circle	778	779	314	315	316					
Circle theorems: Tangents and chords	598	599	600	601						
Circle theorems multi-step	603	604	605	606						
Prove circle theorems	816	817	818	819	820					
Compound units: Density problem solving	730	731	732	733						
Volume of frustrums	578									
Volume: Problem solving	583									
Similar Shapes: Area	615	616	617							
Similar Shapes: Volume	618	619	620	621						
Pythagoras' Theorem: Problem solving	503	504								
Right-angled trigonometry: Non-calculator	306	845	846	847	848	849	850	851	852	853
Right-angled trigonometry: Problem solving	513	514								
3D Pythagoras	505	506	507							
3D trigonometry	854	855	856	857	858	859	860	861	862	863
Sine rule for area	517	518	519							
Non-right angled trigonometry: Sine rule / Cosine Rule	521	522	523	524	525		527	528	529	530
Non-right-angled trigonometry: Problem solving	532	533								
Bearings: Sine and cosine rule	531									
Vectors: Magnitude	627									
Vectors: Geometry problems	628	629	630	631	632	633	634	635	636	
Congruence proofs	684	685	686	687	688	689	690			
Enlargements	646									
Invariance	655									
Describe combined transformations	656	657								



***“No-one is ever told that they cannot pass their driving test... everyone can learn maths given the right support, time and EFFORT.”***

Statistics Topics	Clip and quiz numbers						
Quartiles and interquartile range	412	413					
Mean from grouped frequency tables	418						
Averages problems	421						
Cumulative frequency diagrams	437	438	439				
Box plots	434	435	436	440			
Frequency polygons	441						
Histograms	442	443	444	445	446	447	448
Capture-recapture	872	873					

Probability Topics						
Product rule for counting	671	672	673			
Conditional probability	364	365	366	367	389	390
Probability from Venn diagrams	385	386	387	388	391	

Number Topics					
Calculating with roots and fractional indices	108	109	110		
Converting recurring decimals to fractions	53	54			
Surds: Definition and estimating	111	112			
Surds: Simplifying, multiplying and dividing	113	114	115		
Surds: Expanding brackets	116	117			
Surds: Rationalising the denominator	118	119			
Upper and lower bounds / Error intervals	137	138	139	777	
Best buys	770				

Notes: write the clip and question numbers that you have struggled with to ask your teacher for support. (e.g.—clip 23, question 4)



# Effort score tracker

Week ending	Effort score 1-5		Homework tasks completed?	10 MemRi questions done?	Practice exam done?
	Class	Home			
27/09/2019					
04/10/2019					
11/10/2019					
18/10/2019					
HALF TERM - MemRi quizzes					
HALF TERM - MemRi quizzes					
08/11/2019					
15/11/2019					
22/11/2019					
29/11/2019					
06/12/2019					
13/12/2019					
20/12/2019					
CHRISTMAS HOLIDAYS					
CHRISTMAS HOLIDAYS					
10/01/2020					
17/01/2020					
24/01/2020					
31/01/2020					
07/02/2020					
14/02/2020					
HALF TERM - MemRi quizzes					
28/02/2020					
06/03/2020					
13/03/2020					
20/03/2020					
27/03/2020					
03/04/2020					
EASTER HOLIDAYS					
EASTER HOLIDAYS					
24/04/2020					
01/05/2020					
08/05/2020					
GCSEs begin 15/05/2020					
22/05/2020					

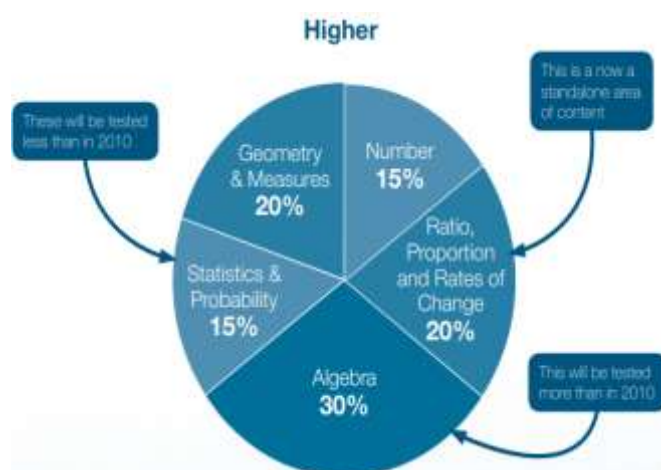
# Maths exam information

## Exam dates—

Paper 1 (non-calculator) - Tuesday 19th May 2020 9am-10:30am 80 marks

Paper 2 (calculator) - Thursday 4th June 2020 9am-10:30am 80 marks

Paper 3 (calculator) - Monday 8th June 2020 9am-10:30am 80 marks



Website	What's it useful for?	✓
<a href="http://www.montgomerymaths.co.uk">www.montgomerymaths.co.uk</a>	Revision resources, videos and links	
<a href="http://www.mathsgenie.co.uk/GCSE">www.mathsgenie.co.uk/GCSE</a>	Exam questions sorted by grade and topics with answers. Some video support	
<a href="http://www.corbettmaths.com">www.corbettmaths.com</a>	<ul style="list-style-type: none"> <li>5 a day sheets —5 questions for every day of the year with answers.</li> <li>Worksheets for every topic with video support and answers</li> <li>Practice papers with answers</li> </ul>	
<a href="http://www.onmaths.com">www.onmaths.com</a>	Find the online mini-mocks that mark them as you go. Find the "Demon questions" for more challenge.	
<a href="http://www.ssddproblems.com">www.ssddproblems.com</a> — excellent for method selection	Sets of 4 questions that look the same on the surface but require different approaches (answers included)	
<a href="http://www.mathsbot.com">www.mathsbot.com</a>	Visit the GCSE resources to create revision grids and practice papers with answers.	



Ask your teacher about how to get hold of some revision cards

