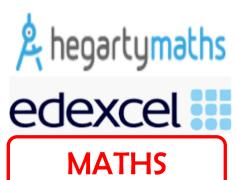
# Passport to a hegartymaths Strong Pass (F)



Name:		_	MATHS					
	Boarding	Pass						
Belief t	that anyone can	do maths	Finals 1 dates:					
Revision	n timetable crea	ted	P1					
Casio F	X-85GTX Calcula	tor	P2					
Geome	etry set		P3					
Knowle	Knowledge organiser booklet							
Revision								
I know	my Hegartymatł	ns Login	4 5 6 X + 1 1 2 2 + - 0 • 45° 40 =					
$\triangleright$	Revision Guid	lance Vid	eos					
		Hamta						
Using your	MemRi	How to self-quiz	Goal free problems					
passport		Jen quiz	problems					
Exam	Using a mark	Mindset	Know your					
Technique	scheme	and sleep	calculator					

# **Essential Stop Offs**

Number Topics				Cli	and	d Quiz	numb	ers			
Product of primes / HCF / LCM	30		32	35							
Calculating with roots and indices	102	103	104	105	10	06 1	.07				
Espations and substitutes			CO	70		70	0/	,			
Fractions calculations	66	67	69	70		79	80	,			
Percentage change / compound	91	92	-	94	95						
growth and decay											
Complex calculations / Error intervals	129	131	7	74 7	775	776					
COMBIEX CONCORDING FEMALES	123				Ť	110					
Standard index form calculations	122	123	124	125	12	26 1	27	128	13	3	
Figure 1 - to	770		60 7	60	74	770					
Financial statements and best buys	778	- /	68 7	69 7	71	772					
		-					٠.				
Ratio and Proportion Topics				Cli	pan	d Quiz	num	bers			
Problems - ratio / recipes	335	336	337	338		739		40	741	742	
	270	274									
Scale drawings	870	871			+						
Proportion - direct / inverse / graphs	344	345	3	347	3	48					
Probability Topics Probability essentials	357	358	359	360	-						
Probability essentials	337	338	333	300							
Sets and venn diagrams	370	371	373		378	379					
Independent events and probability	361	362	363		+		-				
trees											
Statistics Topics				CI	ip ar	nd Qui:	z num	bers			
Types of data	392	393									
Sampling and surveys	394	395	396	397	:	398	3	99	400		
	491	492									
Averages problems								1 1		1 1	
Averages problems	453	454		-							

Geometry Topics				Clip	and Qu	ıiz num	bers		
Angle problems	488	489	490	491					
Angles in polygons	560	561	562	563	564	565			
Plans and elevations of 3D shapes	837	838	839	840	841	842	843	844	
Conversion problems	714	715							
Contraction problems	721	, 125							
Compound units: Speed	721	722	723						
Compound units: Density	725	726	727	728	729	730	731		
0.1	720								
Other compound units	738								
Circles - circumference and area	537	538	544	545	54	42 54	13 5	46 547	
3D shapes - Surface area	587	588	589	590	591				
3D shapes - Volume	576	577	578	579	580	581	582		
ob shapes Volume	370	311	3/6	313	300	301	302		
Pythagoras' theorem	497	498	499	500	501	502			
Trigonometry	508	509	510	511	512	513	514	515	
Similar shapes using scale factors	608	609	610	611	612	613	614		
Vectors	622	623	624	625	626				
Describing Transformations	650	651	652	653	654				
bescholig hansionhadons	030	031	032	033	034				++



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

	Algebra Topics					Cli	p a	nd Q	uiz n	umbe	ers						$\exists$
	Substitution	782	78	3	278												
	Manipulating algebraic expressions	175															
	Changing the subject	280	28	1	282												
	Identities	154															
	Expanding double brackets	167	16	8	169	17	0	173	1								
	Factorising linear expressions	162	16	3	164	16	5										
	Factorising quadratics: x <sup>2</sup> +bx+c	221	22	3	224												
	Gradient	203	20	14													
	Equation of a straight line + parallel lines	208	20	9	210	21	1	212	2	213		21	14				
	Distance-time and speed-time graphs	876	87	7	878	87	9		880								
	Tariff graphs / Sketch graphs	897		89	8 8	99	90	00	901	9	02						
	Graphs - quadratic / cubic / reciprocal	252	25	3	254	25	5		298	2	99		30	00	30	1	
			Ш														
	Linear equations in one variable	184	18	5	186												4
							_		_					_		_	4
	Solving quadratic equations: x <sup>2</sup> +bx+c=0	230	23	4				_									
_		400			400		_										$\perp$
	Simultaneous equations / solving graphically	190	19	1	192	19	3	194	+	195	2:	18		21	9	220	
_		265	26	-	267	26	0		269	2	70	27	71	27	2		
	Linear inequalities - representing / solving	200	26	0	207	20	0		209		/0	21	1	2/	2	-	-
	Writing expressions and equations	151	15	2	153	15	4	155		188							-
	writing expressions and equations	131	-17	-	155	1,7	7	-10-		100							+
	Fibonacci/geometric/quadratic seqeunces	263	26	4	247												+
	geomeno-quadrano sequantes			-	- //				-								-

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

	Effort score 1-5		Homework	10 MemRi	Number of	
Wook anding	Class	Home	tasks completed?	questions done?	extra quizzes at 70%+	Darants signed
Week ending	Class	Tionic	completed:	done:	7076+	Parents signed
11/10/2019						
18/10/2019 HALF TERM						
HALF TERM						
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 HOLI-						
DAYS						
EASTER HOLI-						
DAYS						
24/04/2020						
01/05/2020						
08/05/2020 GCSEs begin						
15/05/2020						
22/05/2020						

### Maths exam information

### Exam dates— Exam board - edexcel

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?	<b>&gt;</b>
Www.hegartymaths.co.uk	Video examples and quizzes	
www.mathsgenie.co.uk/GCSE	Exam questions sorted by grade and topics with answers. Some video support	
www.corbettmaths.com	<ul> <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>	
www.onmaths.com	Find the online mini-mocks that mark them as you go	
www.studymaths.co.uk/glossary	A-Z of maths words and their meanings	
www.mathsbot.com	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

