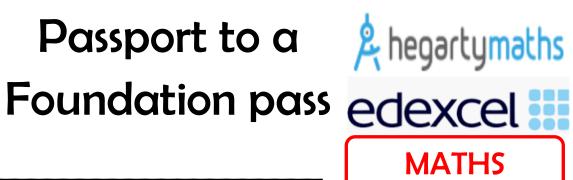
# Passport to a k hegartymaths



Name:			MATHS								
	Boarding	Pass									
Belief t	hat anyone can	do maths	Finals 1 dates:								
Revisio	Revision timetable created										
Casio F	Casio FX-85GTX Calculator										
Geome	Geometry set										
Knowle	Knowledge organiser booklet										
Revisio	Revision flash cards										
I know	my Hegartymatl	hs Login	4 5 6 X ÷ 1 2 3 ÷ - 0 • 40° Am =								
$\triangleright$	Revision Guio	dance Vid	leos								
Using your	 MemRi	How to	Goal free								
passport		self-quiz	problems								
Exam	Using a mark	Mindset	Know your								
Technique	scheme	and sleep	calculator								

## **Essential Stop Offs**

100%

0

## Try to achieve 100% on each of these

Number Topics						Clip		d Qı	ıiz ı	nun	nbe	rs			
Ordering numbers - positive / negative / decimals	13		14		3	7		45	4	6		60			
/ fractions															
Decimal calculations - adding and subtracting /	47		4	8	4	9	50	5	1		13	5 :	136	5	
multiply and divide / related calculations															
Negative numbers - adding and subtracting /	38		39	4	0	41		4	2	43	3				
multiplying and dividing															
Order of operations	22		44	12	20	150	)								
Factors / multiples / primes / HCF / LCM /	27		3	3		28		3	1		34	-		29	30
Prime factorisation															
Converting between decimals and fractions	52		73	7	4	149	9								
Converting between percentages and fractions	75	7	76	8	2	149	9								
Converting between percentages and decimals	55		33												
						_					_				
Calculations with fractions - addition /	65	- (	56		6	7	68	6	9	70	0	71		72	
Simplifying fractions / Mixed numbers and	59	(	51		6	3 64									
improper fractions										Щ					
Fractions of amounts / Increasing and decreasing	62	_ 7	77		_ 7	8	79		8	0					
by fractions / fraction problems															
Percentages of amounts	84	. 8	35	8	6	87									
								_							
Percentage increase and decrease / change	88		39	9	0	_	97					_	_		
	0.0										_	_	-		
Reverse percentages / Percentage problems /	96		5	8		93		-			_	_	-		
Simple interest	4 7						4 2 /				-		-		
Rounding / Significant figures	17		56	1:	34	_	130	)					-		
	120	1	24	4.1	22	4.2	,				-		-		
Estimating	129	9 1	31	1:	32	133	3				-		-		
	74	7 7	140	7	10	75/	٠.	7 - 4		7	-	75.	,	7	
Money - basics / problem solving	74	/ /	48	/4	19	750	,	751		75	12	753	5	754	
	70	) 7	1 C A	7/		70		767							
Best buys	/6:	3 7	04	/(	55	/6	0	767			-	-	-		
Bourse and anota / stand 1.5	000	4	00	47	14		124	4.	12	40	12	124	1		
Powers and roots / standard form	99	1	UU.	10	JΙ		14.	1.		14	3	144	+		
						11:-	 	Δ'		1					
Ratio and Proportion Topics					_	_		Qui	z ni	umi	oers	5	_		
Simplifying ratio / Fractions and ratio	328	32	٥l	331	1	1 2	30								

Ratio and Proportion Topics				Clip	and Qu	uiz nur	nbers		
Simplifying ratio / Fractions and ratio	328	329	331	3	30				
Dividing into a ratio	332	333	334						
Direct proportion / Inverse proportion (basics)	339	340	341	343					
Recipe problems	432	346							
Scale diagrams	864	865	866	867	868	869			

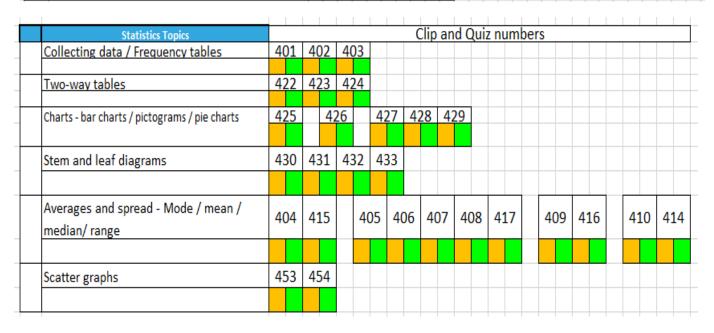
Probability Topics					Clip	o an	d Qui	znum	bers	
Probability scale	34	49	350							
Single events	21	51	352	35	2 20	4	-			
Olitique events	1		332	133	, ,,,	-				
Multiple events	35	58	359	36	0					
Frequency trees	36	58	369		-		+	+	+	
Listing systematically	-	70								
Listing systematically		Ĕ								
Algebra Topics				С	lip a	nd (	Quiz n	umbe	ers	
Algebraic expressions - writing and simplifying	15	51	152	153	<del></del>		157			
Multiplying and dividing terms	15	58	159							
Substitution	15	55	780	781						
Expanding brackets	16	50	161							
Factorising	16	57	168	169	170	1	71			
Index laws (powers)	17	73	174							
Co-ordinates / midpoints	19	99	2	00						
Straight line graphs - plotting / gradient	20	05	206	207						
	1									
Distance-time graphs	87	74	875							
Linear equations - basics / unknown on both sides /on graphs	17	77	178	179	180	)	184	185	2	17
dentifying linear, quadratic or cubic expressions	22	22								



Sequences - linear / other

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

	Geometry Topics																										
	Geometric notation - labelling lines and	45	6		82	21								Ť										Т		Т	Т
	angles properly																							T		T	Т
	Properties of 2D shapes	82	22	82	23	82	4	82	5	82	26	82	7	82	8												T
Г						П								П										T		T	Т
Г	Angles - on a straight line / complemetary /	47	77	47	'8	П	81	5		81	12	81	3	81	4	47	9	48	30					Т		Т	Т
1	around a point													П		П								Т		Т	Т
	Angles on parallel lines	48	31	48	2	48	3												╗					Т		Т	Т
																								Т		Т	Т
	Angles in a triangle	48	34	48	35	48	6	48	7															Т		T	Т
						П																		Т		Т	Т
	Angles in polygons (2d shapes)	56	iO	56	31	56	2	56	3	56	34													T		T	Т
Г																								Т		Т	Т
	Units - metric / length / mass / volume	63	91		63	32	65	93	69	14		69	5	69	6	69	7		69	8	69	19	70:	2]	703	3]:	704
Г									П					П		П			П		П		Т	T	Т	T	T
Г	Units - time / area	70	)9	71	0	71	11	П	70	00	70	01															Т
Г						П			П															T		T	Т
П	Conversion - currency / graphs	70	)7	70	18	П	71	2	71	3														T		T	Т
П																											T
Г	Speed / distance / time	7	16	71	7	71	8	71	9	72	20	72	4											Т		Т	Т
П																								T		T	Т
Г	Perimeter	54	19	55	0	55	51	55	2															Т		Т	Т
						П																		Т		Т	Т
П	Area	55	54	55	5	55	6	55	7	55	58	55	9											T		T	Т
Г				J		IJ	J	J	J			J	Ţ	Ţ	Ţ	Ţ	Ţ		Ţ		Ţ	Ţ	Ţ	Ţ	Ţ	Ţ	Ţ
	3D shapes - properties	82	9	83	0	83	1	83:	2				Т		T							T	T	Т			Т
				П				П							T		T	$\forall$		$\top$		T	T				Т
Т	3D shapes - nets	83	3	83	4	83	5	83	6				$\top$		$\top$		$\dagger$	$\forall$	$\top$	$\top$	$\dagger$	$^{\dagger}$	Ť	T		T	T
$\vdash$		Ť	Ĭ	Ť	Ì	Ť		Ť					$^{\dagger}$		$^{\dagger}$	$^{\dagger}$	$^{\dagger}$	$\forall$	$^{\dagger}$	$\dagger$	$^{\dagger}$	$^{\dagger}$	Ť	t	t	t	t
$\vdash$	3D shapes - surface area	58	4	58	5	58	6		-				+		+	+	+	+	+	+	+	$^{+}$	$^{+}$	$^{+}$		+	+
$\vdash$	obsitapes surface area	100	7	1	7	70	~		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
$\vdash$	3D shapes - volume - cuboids / prisms	FC	0	E C	0	-		<del>,  </del>		4	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
$\vdash$	55 snapes - volume - cubolos r prisms	100	O	56	0	- 1	٥( ا	0	٦/ ا	4	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
$\vdash$	Transformations - translations / reflections /	0.0	_	0.7		+							+	0.41	+	0.41	4	+	0.11	+	0.11	_	+	+	+	-	+
	enlargements/ rotations (print the templates in student resoruces)	63	7	63	8	ľ	63	9 1	64	U	64	1	ľ	642	2   1	643	3		648	3	64:	9	+	t	+		+
$\vdash$	Describing transformations	65	'n	65	7	65	2	65	3	65	4							Ť					$^{\dagger}$	$^{\dagger}$	$^{\dagger}$	$\vdash$	$^{\dagger}$
-	a service in grant and in a service in	00	۷,	99	'''	00	-	J.J.	۷	vy	7		_		_	-	+	4	-	+	-	4	-	+	-	-	+





## Effort score tracker

	Effort sc	ore 1-5	Homework tasks	10 Memki	Number of	
Week ending	Class	Home	completed	questions done?	extra quizzes at 70%+	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						

## Maths exam information

## Exam dates— Exam board - edexcel

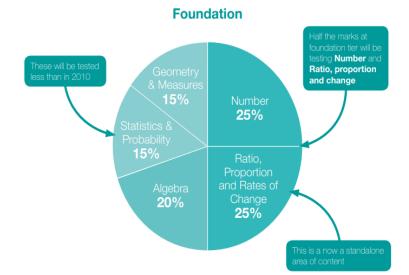
Paper 1 (non-calculator) - Tuesday 19th May 2020 9am-10:30am 80 marks

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?	>
Www.hegartymaths.co.uk	Video clips 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	



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

