MATHEMATICS

GCE Advanced Level and GCE Advanced Subsidiary Level

Grade thresholds taken for Syllabus 9709 (Mathematics) in the October/November 2011 examination.

	maximum mark available	minimum mark required for grade:		
		A	B	E
Component 11	75	60	52	27
Component 12	75	59	51	21
Component 13	75	62	55	29
Component 21	50	35	31	15
Component 22	50	38	34	19
Component 23	50	40	36	20
Component 31	75	58	53	24
Component 32	75	58	53	24
Component 33	75	51	45	23
Component 41	50	38	34	19
Component 42	50	33	28	14
Component 43	50	40	33	13
Component 51	50	40	34	19
Component 52	50	40	34	19
Component 53	50	41	38	21
Component 61	50	38	34	18
Component 62	50	33	28	12
Component 63	50	38	33	15
Component 71	50	42	37	22
Component 72	50	42	37	22
Component 73	50	42	37	22

The thresholds (minimum marks) for Grades C and D are normally set by dividing the mark range between the B and the E thresholds into three. For example, if the difference between the B and the E threshold is 24 marks, the C threshold is set 8 marks below the B threshold and the D threshold is set another 8 marks down. If dividing the interval by three results in a fraction of a mark, then the threshold is normally rounded down.

The thresholds for the **syllabus** are determined first by adding together the thresholds for the components taken by the candidate. A reduction may be made at the higher grades depending on the correlation of the papers. If the maximum raw marks for the components are not in the weighting/relationship specified in the syllabus, a weighting is applied to arrive at the overall thresholds. The A* threshold is calculated using the difference between A and B as a starting point.

For AS Level components, adjustments may be made to the marks awarded for some versions of the paper in order to neutralise any differences in the difficulty of the different versions and so make sure that all candidates face an equal demand.

The maximum total mark for this syllabus is **250** for A Level and **125** for AS Level.

For this syllabus in this series the grade thresholds were as follows:

Option	Combination of components	A*	A	B	C	D	E
AX	11, 31, 41, 61	206	183	160	130	100	71
AY	12, 32, 42, 62	206	183	160	130	100	71
AZ	13, 33, 43, 63	200	176	152	124	97	70
DX	31, 61 and AS from last June	211	185	159	132	105	78
DY	32, 62 and AS from last June	211	185	159	132	105	78
DZ	33, 63 and AS from last June	205	178	151	126	101	77
EX	31, 41 and AS from last June	207	184	161	132	103	75
EY	32, 42 and AS from last June	207	184	161	132	103	75
EZ	33, 43 and AS from last June	201	177	153	126	100	74
FX	31, 51 and AS from last June	219	192	165	138	111	85
FY	32, 52 and AS from last June	219	192	165	138	111	85
FZ	33, 53 and AS from last June	211	186	161	136	111	86
GX	31, 71 and AS from last June	216	193	170	141	112	83
GY	32, 72 and AS from last June	216	193	170	141	112	83
GZ	33, 73 and AS from last June	210	186	162	135	108	82
HX	31, 61 and AS from last Nov	212	189	166	135	104	73
HY	32, 62 and AS from last Nov	212	189	166	135	104	73
HZ	33, 63 and AS from last Nov	206	182	158	129	100	72
IX	31, 41 and AS from last Nov	207	184	161	132	103	74
IY	32, 42 and AS from last Nov	207	184	161	132	103	74
IZ	33, 43 and AS from last Nov	201	177	153	126	99	73
JX	31, 51 and AS from last Nov	220	196	172	141	110	80
JY	32, 52 and AS from last Nov	220	196	172	141	110	80
JZ	33, 53 and AS from last Nov	212	190	168	139	110	81
KX	31, 71 and AS from last Nov	216	193	170	140	111	82

Option	Combination of components	A*	A	B	C	D	E
KY	32, 72 and AS from last Nov	216	193	170	140	111	82
KZ	33, 73 and AS from last Nov	210	186	162	135	108	81
S1	11, 21		94	82	66	51	36
S2	11, 41		92	79	64	49	35
S3	11, 61		92	79	63	48	33
S4	12, 22		97	85	70	55	40
S5	12, 42		92	79	64	49	35
S6	12, 62		92	79	63	48	33
S7	13, 23		99	87	71	56	41
S8	13, 43		92	79	64	49	35
S9	13, 63		92	79	63	48	33

Grade Thresholds are published for all GCE A/AS and IGCSE subjects where a corresponding mark scheme is available.