

MATHEMATICS

GCE Advanced Level and GCE Advanced Subsidiary Level

Grade thresholds taken for Syllabus 9709 (Mathematics) in the October/November 2012 examination.

	maximum mark available	minimum mark required for grade:		
		A	B	E
Component 11	75	59	50	22
Component 12	75	55	49	19
Component 13	75	62	55	30
Component 21	50	40	34	19
Component 22	50	40	34	17
Component 23	50	40	34	19
Component 31	75	47	39	19
Component 32	75	47	39	19
Component 33	75	56	49	23
Component 41	50	37	32	17
Component 42	50	40	35	16
Component 43	50	40	34	14
Component 51	50	35	29	13
Component 52	50	35	29	13
Component 53	50	36	33	18
Component 61	50	37	32	18
Component 62	50	34	28	12
Component 63	50	35	29	13
Component 71	50	40	32	15
Component 72	50	40	32	15
Component 73	50	38	32	16

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	201	176	151	122	94	66
AY	12, 32, 42, 62	201	176	151	122	94	66
AZ	13, 33, 43, 63	209	185	161	130	100	70
DX	31, 61 and AS from last June	198	170	142	118	94	70
DY	32, 62 and AS from last June	198	170	142	118	94	70
DZ	33, 63 and AS from last June	206	179	152	126	100	74
EX	31, 41 and AS from last June	210	183	156	128	101	74
EY	32, 42 and AS from last June	210	183	156	128	101	74
EZ	33, 43 and AS from last June	218	192	166	136	107	78
FX	31, 51 and AS from last June	199	171	143	119	95	71
FY	32, 52 and AS from last June	199	171	143	119	95	71
FZ	33, 53 and AS from last June	205	181	157	131	105	80
GX	31, 71 and AS from last June	213	183	153	126	99	73
GY	32, 72 and AS from last June	213	183	153	126	99	73
GZ	33, 73 and AS from last June	217	190	163	134	106	78
HX	31, 61 and AS from last Nov	200	173	146	119	92	66
HY	32, 62 and AS from last Nov	200	173	146	119	92	66
HZ	33, 63 and AS from last Nov	208	182	156	127	98	70
IX	31, 41 and AS from last Nov	205	179	153	124	96	68
IY	32, 42 and AS from last Nov	205	179	153	124	96	68
IZ	33, 43 and AS from last Nov	213	188	163	132	102	72
JX	31, 51 and AS from last Nov	201	174	147	120	93	67
JY	32, 52 and AS from last Nov	201	174	147	120	93	67
JZ	33, 53 and AS from last Nov	207	184	161	132	104	76
KX	31, 71 and AS from last Nov	208	179	150	122	94	67

Option	Combination of components	A*	A	B	C	D	E
KY	32, 72 and AS from last Nov	208	179	150	122	94	67
KZ	33, 73 and AS from last Nov	212	186	160	130	101	72
S1	11, 21		95	83	68	53	38
S2	11, 41		95	84	67	51	35
S3	11, 61		89	77	61	46	31
S4	12, 22		95	83	67	51	36
S5	12, 42		95	84	67	51	35
S6	12, 62		89	77	61	46	31
S7	13, 23		95	83	68	53	38
S8	13, 43		95	84	67	51	35
S9	13, 63		89	77	61	46	31

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