MATHEMATICS

Cambridge International Advanced Subsidiary and Advanced Level

Grade thresholds taken for Syllabus 9709 (Mathematics) in the May/June 2016 examination.

	maximum raw mark available	minimum raw mark required for grade:				
		A	B	C	D	E
Component 11	75	60	51	41	31	21
Component 12	75	61	52	43	33	21
Component 13	75	60	51	43	33	23
Component 21	50	39	34	27	20	14
Component 22	50	39	34	27	20	14
Component 23	50	39	34	27	20	14
Component 31	75	60	55	47	38	28
Component 32	75	57	49	41	32	22
Component 33	75	61	55	47	38	29
Component 41	50	45	39	33	28	23
Component 42	50	44	38	32	27	22
Component 43	50	45	39	33	28	23
Component 51	50	37	31	25	19	13
Component 52	50	37	31	25	19	13
Component 53	50	37	31	25	19	13
Component 61	50	42	38	31	24	18
Component 62	50	42	37	31	25	19
Component 63	50	42	37	30	24	18
Component 71	50	41	36	30	25	20
Component 72	50	41	36	32	26	21
Component 73	50	41	36	31	26	21

Grade A* does not exist at the level of an individual component.

The maximum total mark for this syllabus, after weighting has been applied, is **250** for A Level and **125** for AS Level.

The overall thresholds for the different grades were set as follows.

Option	Combination of Components	A*	A	B	C	D	E
AX	11, 31, 41, 61	231	207	183	152	121	90
AY	12, 32, 42, 62	232	204	176	145	115	84
AZ	13, 33, 43, 63	234	208	182	152	122	93
BX	11, 31, 41, 51	228	202	176	145	115	85
BY	12, 32, 42, 52	229	199	170	140	109	78
BZ	13, 33, 43, 53	231	203	176	147	117	88
CX	11, 31, 61, 71	226	203	180	149	118	87
CY	12, 32, 62, 72	231	201	174	144	114	83
CZ	13, 33, 63, 73	228	204	179	150	120	91
DX	31, 61, 84	230	206	182	151	121	91
DY	32, 62, 85	231	203	175	145	115	86
DZ	33, 63, 86	233	207	181	151	121	92
EX	31, 41, 87	234	209	184	153	122	92
EY	32, 42, 88	233	205	177	146	115	85
EZ	33, 43, 89	234	210	184	153	123	93
FX	31, 51, 84	228	201	175	146	116	86
FY	32, 52, 85	228	198	169	140	110	80
FZ	33, 53, 86	230	202	175	146	116	87
GX	31, 71, 87	229	205	181	150	119	89
GY	32, 72, 88	232	202	175	145	114	84
GZ	33, 73, 89	230	206	181	151	121	91
HX	31, 61, 94	224	198	172	142	112	83
HY	32, 62, 95	221	195	169	137	105	73
HZ	33, 63, 96	219	194	169	139	109	80
IY	32, 42, 98	222	197	172	141	111	81
IZ	33, 43, 99	229	204	179	149	119	89
JX	31, 51, 94	222	193	165	136	107	78
JY	32, 52, 95	218	190	163	131	99	67
JZ	33, 53, 96	216	189	163	134	104	75
KX	31, 71, 97	220	199	178	149	120	92
KY	32, 72, 98	221	194	170	140	110	80
KZ	33, 73, 99	223	200	176	147	117	87
LY	12, 32, 42, 62	232	204	176	145	115	84
LZ	13, 33, 43, 63	234	208	182	152	122	93
MY	12, 32, 42, 52	229	199	170	140	109	78
MZ	13, 33, 43, 53	231	203	176	147	117	88
NX	11, 31, 61, 71	226	203	180	149	118	87

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Grade Thresholds

Option	Combination of Components	A*	A	B	C	D	E
NY	12, 32, 62, 72	231	201	174	144	114	83
NZ	13, 33, 63, 73	228	204	179	150	120	91
S1	11, 21	–	99	85	68	51	35
S2	11, 41	–	105	90	74	59	44
S3	11, 61	–	102	89	72	55	39
S4	12, 22	–	100	86	69	52	35
S5	12, 42	–	105	90	74	59	43
S6	12, 62	–	103	89	73	57	40
S7	13, 23	–	99	85	69	53	37
S8	13, 43	–	105	90	75	60	46
S9	13, 63	–	102	88	72	56	41