

## Grade thresholds – June 2017

### Cambridge AS & A Level Mathematics (9709)

Grade thresholds taken for Syllabus 9709 (Mathematics) in the June 2017 examination.

	maximum raw mark available	minimum raw mark required for grade:				
		A	B	C	D	E
Component 11	75	59	51	42	32	22
Component 12	75	63	54	44	34	23
Component 13	75	61	50	41	31	21
Component 21	50	40	35	28	22	16
Component 22	50	41	36	29	22	16
Component 23	50	41	36	29	22	16
Component 31	75	55	50	42	33	24
Component 32	75	54	47	40	32	23
Component 33	75	57	51	43	34	25
Component 41	50	43	36	30	25	19
Component 42	50	39	32	26	21	16
Component 43	50	42	36	30	25	20
Component 51	50	34	27	21	16	11
Component 52	50	34	27	21	16	11
Component 53	50	34	27	21	16	11
Component 61	50	43	39	32	25	19
Component 62	50	42	37	31	25	19
Component 63	50	40	36	30	24	18
Component 71	50	42	37	31	25	19
Component 72	50	44	38	31	25	19
Component 73	50	45	40	35	31	27

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.

## Grade thresholds continued

### Cambridge AS & A Level Mathematics (9709)

Option	Combination of Components	A*	A	B	C	D	E
AX	11, 31, 41, 61	224	200	176	145	114	84
AY	12, 32, 42, 62	226	198	170	140	110	81
AZ	13, 33, 43, 63	227	200	173	143	113	84
BX	11, 31, 41, 51	218	191	164	134	105	76
BY	12, 32, 42, 52	220	190	160	131	102	73
BZ	13, 33, 43, 53	224	194	164	135	106	77
CX	11, 31, 61, 71	221	199	177	146	115	84
CY	12, 32, 62, 72	230	203	176	145	114	84
CZ	13, 33, 63, 73	229	203	177	148	119	91
DX	31, 61, 84	227	203	179	148	117	87
DY	32, 62, 85	228	201	174	144	114	85
DZ	33, 63, 86	227	202	177	147	118	89
EX	31, 41, 87	225	200	175	144	113	82
EY	32, 42, 88	224	196	168	138	108	79
EZ	33, 43, 89	227	201	175	145	115	86
FX	31, 51, 84	221	194	167	137	108	79
FY	32, 52, 85	222	193	164	135	106	77
FZ	33, 53, 86	224	196	168	139	110	82
GX	31, 71, 87	222	199	176	144	113	82
GY	32, 72, 88	228	201	174	143	112	82
GZ	33, 73, 89	229	204	179	150	121	93
HX	31, 61, 94	217	194	171	140	110	80
HY	32, 62, 95	212	188	164	133	103	73
HZ	33, 63, 96	216	192	168	139	110	82
IX	31, 41, 97	217	192	167	138	109	81
IY	32, 42, 98	216	190	164	132	100	69
IZ	33, 43, 99	218	191	164	136	108	80
JX	31, 51, 94	211	185	159	130	101	72
JY	32, 52, 95	206	180	154	124	94	65
JZ	33, 53, 96	213	186	159	131	103	75
KX	31, 71, 97	214	191	168	139	110	81
KY	32, 72, 98	220	195	170	137	104	72
KZ	33, 73, 99	220	194	168	141	114	87
S1	11, 21	–	99	86	70	54	38
S2	11, 41	–	102	87	71	56	41

## Grade thresholds continued

### Cambridge AS & A Level Mathematics (9709)

Option	Combination of Components	A*	A	B	C	D	E
S3	11, 61	–	102	90	73	57	41
S4	12, 22	–	104	90	73	56	39
S5	12, 42	–	102	86	70	54	39
S6	12, 62	–	105	91	74	58	42
S7	13, 23	–	102	86	69	53	37
S8	13, 43	–	103	86	71	56	41
S9	13, 63	–	101	86	70	54	39