

## Grade thresholds – November 2016

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

Grade thresholds taken for Syllabus 9709 (Mathematics) in the November 2016 examination.

	maximum raw mark available	minimum raw mark required for grade:				
		A	B	C	D	E
Component 11	75	55	46	37	28	18
Component 12	75	57	50	39	28	16
Component 13	75	54	45	37	29	20
Component 21	50	33	29	23	17	12
Component 22	50	33	29	23	17	12
Component 23	50	33	29	23	17	12
Component 31	75	55	48	40	31	21
Component 32	75	55	48	40	31	21
Component 33	75	56	50	42	33	24
Component 41	50	41	36	30	24	19
Component 42	50	35	30	25	20	15
Component 43	50	41	36	30	25	19
Component 51	50	40	36	29	23	17
Component 52	50	36	30	23	16	10
Component 53	50	40	36	29	23	17
Component 61	50	39	35	30	25	20
Component 62	50	40	35	28	21	14
Component 63	50	38	32	26	21	15
Component 71	50	40	36	30	24	19
Component 72	50	40	36	30	24	19
Component 73	50	43	39	33	28	22

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	215	190	165	136	107	78
AY	12, 32, 42, 62	211	187	163	130	98	66
AZ	13, 33, 43, 63	215	189	163	134	106	78
BX	11, 31, 41, 51	216	191	166	135	105	75
BY	12, 32, 42, 52	208	183	158	126	94	62
BZ	13, 33, 43, 53	215	191	167	138	109	80
CX	11, 31, 61, 71	213	189	165	136	107	78
CY	12, 32, 62, 72	215	192	169	136	103	70
CZ	13, 33, 63, 73	216	191	166	137	109	81
DX	31, 61, 84	225	199	173	143	114	85
DY	32, 62, 85	227	200	173	141	109	78
DZ	33, 63, 86	226	199	172	143	114	85
EX	31, 41, 87	223	198	173	141	110	79
EY	32, 42, 88	219	193	167	136	106	76
EZ	33, 43, 89	224	199	174	144	114	84
FX	31, 51, 84	226	200	174	143	112	82
FY	32, 52, 85	224	196	168	136	105	74
FZ	33, 53, 86	226	201	176	146	116	87
GY	32, 72, 88	223	198	173	142	111	80
GZ	33, 73, 89	225	201	177	147	117	87
HX	31, 61, 94	218	190	162	134	106	78
HY	32, 62, 95	216	191	166	133	100	67
HZ	33, 63, 96	211	185	159	130	101	72
IY	32, 42, 98	209	186	163	133	103	73
IZ	33, 43, 99	219	195	171	140	110	80
JY	32, 52, 95	213	187	161	128	95	63
JZ	33, 53, 96	211	187	163	133	103	74
KY	32, 72, 98	213	191	169	138	107	77
KZ	33, 73, 99	220	197	174	143	113	83
OV	32, 62, 75	222	194	166	133	101	69
PV	32, 42, 78	218	190	162	131	100	70
QV	32, 52, 75	219	190	161	129	97	65
RV	32, 72, 78	222	195	168	136	105	74
S1	11, 21	–	88	75	60	45	30
S2	11, 41	–	96	82	67	52	37

## Grade thresholds continued

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

Option	Combination of Components	A*	A	B	C	D	E
S3	11, 61	–	94	81	66	52	38
S4	12, 22	–	90	79	62	45	28
S5	12, 42	–	92	80	63	47	31
S6	12, 62	–	97	85	66	48	30
S7	13, 23	–	87	74	60	46	32
S8	13, 43	–	95	81	67	53	39
S9	13, 63	–	92	77	63	49	35