

Grade thresholds – June 2022

Cambridge International AS & A Level Mathematics (9709)

Grade thresholds taken for Syllabus 9709 (Mathematics) in the June 2022 examination.

	maximum raw mark available	minimum raw mark required for grade:				
		A	B	C	D	E
Component 11	75	54	46	36	27	17
Component 12	75	54	42	31	21	10
Component 13	75	59	50	41	31	21
Component 21	50	35	30	23	16	10
Component 22	50	35	30	23	16	9
Component 23	50	35	30	23	16	9
Component 31	75	53	45	37	28	18
Component 32	75	57	49	40	31	21
Component 33	75	57	51	43	36	27
Component 41	50	36	30	25	20	16
Component 42	50	37	32	25	18	12
Component 43	50	37	31	26	20	15
Component 51	50	38	33	27	21	16
Component 52	50	36	31	24	16	9
Component 53	50	37	31	25	19	14
Component 58	75	51	42	33	24	15
Component 59	75	50	44	35	26	18
Component 60	75	51	44	35	27	18
Component 61	50	37	32	26	20	15
Component 62	50	39	34	28	22	16
Component 63	50	41	33	28	21	16
Component 68	75	51	43	34	24	15
Component 69	75	52	42	33	24	15

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, **125** for A2-only A Level, and **125** for AS Level.

The overall thresholds for the different grades were set as follows. Options with an additional letter, e.g. BYJ, refer to A2-only options.

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Grade thresholds continued

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Option	Maximum mark after weighting	Combination of Components	A*	A	B	C	D	E
AX	250	11, 31, 41, 51	208	181	154	125	96	67
AY	250	12, 32, 42, 52	214	184	154	120	86	52
AZ	250	13, 33, 43, 53	217	190	163	134	105	77
CX	250	11, 31, 51, 61	208	182	156	126	96	66
CY	250	12, 32, 52, 62	216	186	156	122	89	56
CZ	250	13, 33, 53, 63	222	194	165	136	107	78
DX	250	31, 51, 84	202	174	146	116	86	57
DXJ	125	31, 51	107	90	69	50	31	13
DY	250	32, 52, 85	202	175	148	115	83	51
DYJ	125	32, 52	108	92	70	51	32	13
DZ	250	33, 53, 86	210	184	158	129	101	73
DZJ	125	33, 53	109	93	74	56	38	21
EX	250	31, 41, 87	204	175	146	117	88	59
EXJ	125	31, 41	106	88	66	48	30	13
EY	250	32, 42, 88	213	185	157	124	91	59
EYJ	125	32, 42	109	93	72	52	32	13
EZ	250	33, 43, 89	216	189	162	133	104	75
EZJ	125	33, 43	109	93	74	56	39	22
GX	250	31, 61, 87	204	176	148	118	88	58
GXJ	125	31, 61	107	89	68	49	31	13
GY	250	32, 62, 88	215	187	159	127	95	63
GYJ	125	32, 62	110	95	74	54	34	14
GZ	250	33, 63, 89	221	193	164	134	105	76
GZJ	125	33, 63	111	97	75	57	39	22
HX	250	31, 51, 94	205	176	147	116	85	55
HY	250	32, 52, 95	201	172	143	109	76	43
HYN	125	32, 52	108	92	70	51	32	13
HZ	250	33, 53, 96	208	181	154	124	95	66
HZN	125	33, 53	109	93	74	56	38	21
IX	250	31, 41, 97	204	175	146	116	86	56
IY	250	32, 42, 98	212	182	152	116	81	46
IYN	125	32, 42	109	93	72	52	32	13
IZ	250	33, 43, 99	212	186	160	131	102	74
IZN	125	33, 43	109	93	74	56	39	22

Grade thresholds continued

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Option	Maximum mark after weighting	Combination of Components	A*	A	B	C	D	E
KX	250	31, 61, 97	204	176	148	117	86	55
KY	250	32, 62, 98	214	184	154	119	84	50
KYN	125	32, 62	110	95	74	54	34	14
KZ	250	33, 63, 99	218	190	162	133	104	75
KZN	125	33, 63	111	97	75	57	39	22
P2	75	58	–	51	42	33	24	15
P3	75	59	–	50	44	35	26	18
P4	150	59, 60	114	101	88	70	53	36
P5	150	59, 69	118	102	86	68	50	33
P6	150	68, 80	126	111	96	79	62	45
P7	150	60, 81	125	111	97	80	64	48
P8	150	69, 81	129	112	95	78	61	45
S1	125	11, 21	–	89	76	59	43	27
S2	125	11, 41	–	90	76	61	47	33
S3	125	11, 51	–	92	79	63	48	33
S4	125	12, 22	–	89	72	54	36	19
S5	125	12, 42	–	91	74	56	39	22
S6	125	12, 52	–	90	73	55	37	19
S7	125	13, 23	–	94	80	63	46	30
S8	125	13, 43	–	96	81	66	51	36
S9	125	13, 53	–	96	81	65	50	35