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Cambridge Assessment International Education

Grade thresholds – November 2022

Cambridge International AS & A Level Mathematics (9709)

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

		minimum raw mark required for grade:				
	maximum raw mark available	A	B	C	D	E
Component 11	75	57	46	37	28	19
Component 12	75	61	54	42	29	16
Component 13	75	55	46	37	28	19
Component 21	50	39	35	27	20	13
Component 22	50	40	35	27	20	13
Component 23	50	39	35	27	20	13
Component 31	75	58	51	42	33	23
Component 32	75	58	50	41	31	21
Component 33	75	57	49	41	32	23
Component 41	50	34	30	24	18	13
Component 42	50	34	28	22	17	12
Component 43	50	30	25	20	15	11
Component 51	50	39	34	28	22	17
Component 52	50	35	30	23	17	11
Component 53	50	38	33	27	21	15
Component 58	75	51	42	33	24	15
Component 59	75	50	44	35	26	18
Component 61	50	40	34	29	23	18
Component 62	50	37	32	26	21	16
Component 63	50	40	34	29	23	18

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

Cambridge AS & A Level Mathematics (9709)

Option	Maximum mark after weighting	Combination of Components	A*	A	B	C	D	E
AX	250	11, 31, 41, 51	215	188	161	131	101	72
AY	250	12, 32, 42, 52	214	188	162	128	94	60
AZ	250	13, 33, 43, 53	207	180	153	124	96	68
CX	250	11, 31, 51, 61	222	194	165	135	106	77
CY	250	12, 32, 52, 62	216	191	166	132	98	64
CZ	250	13, 33, 53, 63	218	190	162	133	104	75
DX	250	31, 51, 84	213	187	161	131	102	73
DXJ	125	31, 51	110	96	76	56	37	18
DY	250	32, 52, 85	214	184	154	120	87	54
DYJ	125	32, 52	108	92	71	51	32	13
DZ	250	33, 53, 86	219	191	163	133	103	74
DZJ	125	33, 53	109	94	73	54	35	16
EY	250	32, 42, 88	213	182	151	118	85	52
EYJ	125	32, 42	108	91	69	50	31	13
EZ	250	33, 43, 89	211	183	155	126	97	69
EZJ	125	33, 43	105	86	66	48	31	14
GX	250	31, 61, 87	216	190	164	134	104	74
GXJ	125	31, 61	111	97	76	57	38	19
GY	250	32, 62, 88	215	185	155	122	89	56
GYJ	125	32, 62	109	94	73	53	34	15
GZ	250	33, 63, 89	221	193	164	134	105	76
GZJ	125	33, 63	110	96	74	56	38	20
HY	250	32, 52, 95	201	172	143	110	77	45
HYN	125	32, 52	108	92	71	51	32	13
HZ	250	33, 53, 96	210	182	154	123	93	63
HZN	125	33, 53	109	94	73	54	35	16
IY	250	32, 42, 98	211	180	149	114	80	46
IYN	125	32, 42	108	91	69	50	31	13
IZ	250	33, 43, 99	206	179	152	123	94	66
IZN	125	33, 43	105	86	66	48	31	14
KX	250	31, 61, 97	212	184	156	125	94	63
KXN	125	31, 61	111	97	76	57	38	19
KY	250	32, 62, 98	213	183	153	118	84	50
KYN	125	32, 62	109	94	73	53	34	15

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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
KZ	250	33, 63, 99	217	189	161	131	102	73
KZN	125	33, 63	110	96	74	56	38	20
OV	250	32, 52, 75	216	188	160	127	94	61
OVM	125	32, 52	108	92	71	51	32	13
P2	75	58	–	51	42	33	24	15
P3	75	59	–	50	44	35	26	18
PV	250	32, 42, 78	212	183	154	122	90	59
PVM	125	32, 42	108	91	69	50	31	13
RV	250	32, 62, 78	214	186	158	126	94	63
RVM	125	32, 62	109	94	73	53	34	15
S1	125	11, 21	–	96	81	64	48	32
S2	125	11, 41	–	91	76	61	46	32
S3	125	11, 51	–	96	80	65	50	36
S4	125	12, 22	–	101	89	69	49	29
S5	125	12, 42	–	95	82	64	46	28
S6	125	12, 52	–	96	84	65	46	27
S7	125	13, 23	–	94	81	64	48	32
S8	125	13, 43	–	85	71	57	43	30
S9	125	13, 53	–	93	79	64	49	34