



Grade thresholds – June 2023

Cambridge International AS & A Level Mathematics (9709)

Grade thresholds taken for Syllabus 9709 (Mathematics) in the June 2023 examination.

	Maximum raw mark available	Minimum raw mark required for grade:				
		A	B	C	D	E
Component 11	75	50	43	33	23	14
Component 12	75	49	40	30	20	10
Component 13	75	62	53	40	28	16
Component 21	50	33	28	23	19	14
Component 22	50	40	30	23	16	9
Component 23	50	40	30	23	16	9
Component 31	75	52	45	36	26	17
Component 32	75	52	45	36	27	17
Component 33	75	57	51	42	34	25
Component 34	75	53	45	36	26	16
Component 41	50	36	31	26	22	16
Component 42	50	38	30	24	18	13
Component 43	50	38	31	25	18	12
Component 51	50	35	30	24	19	13
Component 52	50	38	31	25	18	12
Component 53	50	40	34	27	20	13
Component 58	75	66	61	53	46	39
Component 59	75	64	59	49	39	30
Component 60	75	64	59	52	45	37
Component 61	50	38	34	28	23	16
Component 62	50	39	34	29	24	19
Component 63	50	38	31	26	20	15
Component 68	75	61	49	45	41	38
Component 69	75	60	52	48	44	39

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

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

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	197	173	149	119	89	60
AY	250	12, 32, 42, 52	208	177	146	114	83	52
AZ	250	13, 33, 43, 53	223	197	169	134	100	66
CX	250	11, 31, 51, 61	198	175	152	121	90	60
CY	250	12, 32, 52, 62	206	178	150	119	88	58
CZ	250	13, 33, 53, 63	223	197	169	135	102	69
DO	250	34, 85	209	179	149	115	82	49
DX	250	31, 51, 84	203	177	151	121	92	63
DY	250	32, 52, 85	212	181	150	117	84	51
DZ	250	33, 53, 86	220	193	166	135	104	74
EX	250	31, 41, 87	205	180	155	125	95	66
EY	250	32, 42, 88	212	180	148	115	82	49
EZ	250	33, 43, 89	219	191	163	132	102	72
GX	250	31, 61, 87	206	182	158	127	96	66
GY	250	32, 62, 88	210	181	152	119	87	55
GZ	250	33, 63, 89	219	191	163	133	104	75
HO	250	34, 95	209	183	157	123	89	55
HY	250	32, 52, 95	212	185	158	124	90	57
HZ	250	33, 53, 96	208	182	156	126	97	68
IX	250	31, 41, 97	212	184	156	127	98	69
IY	250	32, 42, 98	213	186	159	125	91	57
IZ	250	33, 43, 99	215	188	161	131	101	71
KX	250	31, 61, 97	213	186	159	129	99	69
KY	250	32, 62, 98	211	187	163	129	96	63
KZ	250	33, 63, 99	215	188	161	132	103	74
P2	75	58	–	66	61	53	46	39
P3	75	59	–	64	59	49	39	30
P4	150	59, 60	138	128	118	101	84	67
P6	150	68, 80	135	121	102	90	79	68
P8	150	69, 81	135	120	105	93	81	69
S1	125	11, 21	–	83	71	56	42	28
S2	125	11, 41	–	86	74	59	44	30
S3	125	11, 51	–	85	73	57	42	27
S4	125	12, 22	–	89	70	53	36	19

Grade thresholds continued
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Option	Maximum mark after weighting	Combination of components	A*	A	B	C	D	E
S5	125	12, 42	–	87	70	54	38	23
S6	125	12, 52	–	87	71	54	38	22
S7	125	13, 23	–	102	83	63	44	25
S8	125	13, 43	–	100	84	65	46	28
S9	125	13, 53	–	102	87	67	48	29