

## A Level qualification and notional component raw mark grade boundaries June 2023 series

AS GCE Mathematics B (MEI)			Max Mark	a	b	c	d	e	u	
H630	01	Pure Mathematics and Mechanics	Raw	70	51	45	39	34	28	0
H630	02	Pure Mathematics and Statistics	Raw	70	54	48	42	36	31	0
			Overall	140	105	93	81	70	59	0

AS GCE Further Mathematics B (MEI) (H635)			Max Mark	a	b	c	d	e	u	
Y410	01	Core Pure	Raw	60	44	39	34	29	25	0
Y411	01	Mechanics a	Raw	60	34	29	24	20	16	0
Y412	01	Statistics a	Raw	60	47	42	37	33	29	0
Y413	01	Modelling with Algorithms	Raw	60	36	32	29	26	23	0
Y414	01	Numerical Methods	Raw	60	42	37	32	27	23	0
H635	Option Y410+Y411+Y412		Overall	180	125	111	97	83	70	0
H635	Option Y410+Y411+Y413		Overall	180	114	101	88	76	64	0
H635	Option Y410+Y411+Y414		Overall	180	120	106	92	78	64	0
H635	Option Y410+Y412+Y413		Overall	180	127	114	101	89	77	0
H635	Option Y410+Y412+Y414		Overall	180	133	119	105	91	77	0
H635	Option Y410+Y413+Y414		Overall	180	122	109	96	83	71	0

A Level Mathematics B (MEI)			Max Mark	a*	a	b	c	d	e	u	
H640	01	Pure Mathematics and Mechanics	Raw	100	87	73	60	46	32	19	0
H640	02	Pure Mathematics and Statistics	Raw	100	80	66	53	41	29	17	0
H640	03	Pure Mathematics and Comprehension	Raw	75	57	47	38	30	22	13	0
			Overall	275	224	186	151	117	83	49	0

A Level Further Mathematics B (MEI) (H645)			Max Mark	a*	a	b	c	d	e	u	
Y420	01	Core Pure	Raw	144	117	99	81	64	47	30	0
Y421	01	Mechanics Major	Raw	120	77	62	49	37	25	13	0
Y422	01	Statistics Major	Raw	120	97	82	68	54	40	27	0
Y431	01	Mechanics Minor	Raw	60	44	35	28	21	14	8	0
Y432	01	Statistics Minor	Raw	60	48	42	36	30	24	18	0
Y433	01	Modelling with Algorithms	Raw	60	44	38	32	27	22	17	0
Y434	01	Numerical Methods	Raw	60	45	38	32	26	20	14	0
Y435	01	Extra Pure	Raw	60	46	39	32	25	18	11	0
Y436	01	Further Pure with Technology	Raw	60	40	33	27	22	17	12	0
H645	Route A: Option Y420+Y421+Y432		Overall	360	271	228	188	148	108	69	0
H645	Route A: Option Y420+Y421+Y433		Overall	360	267	224	185	146	107	68	0
H645	Route A: Option Y420+Y421+Y434		Overall	360	268	224	184	144	104	65	0
H645	Route A: Option Y420+Y421+Y435		Overall	360	269	225	184	143	102	62	0
H645	Route A: Option Y420+Y421+Y436		Overall	360	No Entries						
H645	Route B: Option Y420+Y422+Y431		Overall	360	287	241	199	157	115	73	0
H645	Route B: Option Y420+Y422+Y433		Overall	360	287	244	203	162	122	82	0
H645	Route B: Option Y420+Y422+Y434		Overall	360	288	244	202	161	120	79	0
H645	Route B: Option Y420+Y422+Y435		Overall	360	289	245	202	160	118	76	0
H645	Route B: Option Y420+Y422+Y436		Overall	360	No Entries						
H645	Route C: Option Y420+Y431+Y432+Y433		Overall	360	282	239	199	159	120	81	0
H645	Route C: Option Y420+Y431+Y432+Y434		Overall	360	283	239	198	158	118	78	0
H645	Route C: Option Y420+Y431+Y432+Y435		Overall	360	284	240	198	157	116	75	0
H645	Route C: Option Y420+Y431+Y432+Y436		Overall	360	278	234	194	154	115	76	0
H645	Route C: Option Y420+Y431+Y433+Y434		Overall	360	279	235	195	155	116	77	0
H645	Route C: Option Y420+Y431+Y433+Y435		Overall	360	280	236	195	154	114	74	0
H645	Route C: Option Y420+Y431+Y433+Y436		Overall	360	No Entries						
H645	Route C: Option Y420+Y431+Y434+Y435		Overall	360	281	236	194	153	112	71	0
H645	Route C: Option Y420+Y431+Y434+Y436		Overall	360	No Entries						
H645	Route C: Option Y420+Y431+Y435+Y436		Overall	360	No Entries						
H645	Route C: Option Y420+Y432+Y433+Y434		Overall	360	283	242	203	164	125	87	0
H645	Route C: Option Y420+Y432+Y433+Y435		Overall	360	284	243	203	163	123	84	0
H645	Route C: Option Y420+Y432+Y433+Y436		Overall	360	No Entries						
H645	Route C: Option Y420+Y432+Y434+Y435		Overall	360	285	243	202	161	121	81	0
H645	Route C: Option Y420+Y432+Y434+Y436		Overall	360	No Entries						
H645	Route C: Option Y420+Y432+Y435+Y436		Overall	360	No Entries						
H645	Route C: Option Y420+Y433+Y434+Y435		Overall	360	281	239	199	159	119	80	0
H645	Route C: Option Y420+Y433+Y434+Y436		Overall	360	No Entries						
H645	Route C: Option Y420+Y433+Y435+Y436		Overall	360	276	234	195	156	117	78	0
H645	Route C: Option Y420+Y434+Y435+Y436		Overall	360	277	234	194	154	114	75	0