OCR MEI AS and A Level Further Maths Grade Boundaries - June 2018

AS GCE Further Mathematics B (MEI) (H635)

				Max Mark	a	b	c	d	e	u
Y410	01	Core Pure	Raw	60	46	41	36	32	28	0
Y411	01	Mechanics a	Raw	60	37	32	27	22	18	0
Y412	01	Statistics a	Raw	60	42	38	34	30	26	0
Y413	01	Modelling with Algorithms	Raw	60	37	33	29	25	22	0
Y414	01	Numerical Methods	Raw	60	35	29	24	19	14	0
Y415	01	Mechanics b	Raw	No entry in June 2018						
Y416	01	Statistics b	Raw	60	43	38	33	28	24	0
H635		Option Y410+Y411+Y412	Overall	180	125	111	98	85	72	0
H635		Option Y410+Y411+Y413	Overall	180	120	107	94	81	68	0
H635		Option Y410+Y411+Y414	Overall	180	118	103	88	74	60	0
H635		Option Y410+Y412+Y413	Overall	180	125	112	100	88	76	0
H635		Option Y410+Y412+Y414	Overall	180	123	109	95	81	68	0
H635		Option Y410+Y412+Y416	Overall	180	131	117	104	91	78	0
H635		Option Y410+Y413+Y414	Overall	180	118	104	90	77	64	0

Note: There was no A Level Further paper for this year

OCR MEI AS and A Level Further Maths Grade Boundaries - June 2019

AS GCE Further Mathematics B (MEI) (H635)

				Max Mark	a	b	c	d	e	u
Y410	01	Core Pure	Raw	60	40	35	30	25	20	0
Y411	01	Mechanics a	Raw	60	34	29	25	21	17	0
Y412	01	Statistics a	Raw	60	39	35	31	27	23	0
Y413	01	Modelling with Algorithms	Raw	60	32	28	25	22	19	0
Y414	01	Numerical Methods	Raw	60	34	30	26	22	19	0
Y415	01	Mechanics b	Raw	60	41	36	31	26	21	0
Y416	01	Statistics b	Raw	60	42	37	32	27	23	0
H635		Option Y410+Y411+Y412	Overall	180	113	99	86	73	60	0
H635		Option Y410+Y411+Y413	Overall	180	106	93	80	68	56	0
H635		Option Y410+Y411+Y414	Overall	180	108	95	82	69	56	0
H635		Option Y410+Y411+Y415	Overall	180	115	100	86	72	58	0
H635		Option Y410+Y411+Y416	Overall	180	116	102	88	74	60	0
H635		Option Y410+Y412+Y413	Overall	180	111	98	86	74	62	0
H635		Option Y410+Y412+Y414	Overall	180	113	100	87	74	62	0
H635		Option Y410+Y412+Y415	Overall	180	120	106	92	78	64	0
H635		Option Y410+Y412+Y416	Overall	180	121	107	93	79	66	0
H635		Option Y410+Y413+Y414	Overall	180	106	94	82	70	58	0
H635		Option Y410+Y413+Y415	Overall	180	113	99	86	73	60	0
H635		Option Y410+Y413+Y416	Overall	180	114	101	88	75	62	0
H635		Option Y410+Y414+Y415	Overall	180	115	101	87	73	60	0
H635		Option Y410+Y414+Y416	Overall	180	116	102	88	75	62	0
H635		Option Y410+Y415+Y416	Overall	180	123	108	93	78	64	0

A Level Further Mathematics B (H645)

				Max Mark	a*	a	b	c	d	e	u
Y420	01	Core Pure	Weighted	180	129	104	88	72	56	40	0
Y421	01	Mechanics Major	Raw	120	85	69	55	41	27	14	0
Y422	01	Statistics Major	Raw	120	112	98	84	70	56	42	0
Y431	01	Mechanics Minor	Raw	60	51	44	36	29	22	15	0
Y432	01	Statistics Minor	Raw	60	53	46	38	30	23	16	0
Y433	01	Modelling with Algorithms	Raw	60	47	40	33	27	21	15	0
Y434	01	Numerical Methods	Raw	60	53	47	40	34	28	22	0
Y435	01	Extra Pure	Raw	60	43	35	28	21	15	9	0
Y436	01	Further Pure with Technology	Raw	60	44	34	29	24	19	14	0
		Y420/01 raw marks (out of 144) have been weighted to give a total out of 180									
H645		Route A: Option Y420+Y421+Y432	Overall	360	267	219	181	144	107	70	0
H645		Route A: Option Y420+Y421+Y433	Overall	360	261	213	177	141	105	69	0
H645		Route A: Option Y420+Y421+Y434	Overall	360	267	220	184	148	112	76	0
H645		Route A: Option Y420+Y421+Y435	Overall	360	257	208	171	135	99	63	0
H645		Route A: Option Y420+Y421+Y436	Overall	360	258	207	172	137	102	68	0
H645		Route B: Option Y420+Y422+Y431	Overall	360	292	246	208	171	134	97	0
H645		Route B: Option Y420+Y422+Y433	Overall	360	288	242	205	169	133	97	0
H645		Route B: Option Y420+Y422+Y434	Overall	360	294	249	212	176	140	104	0
H645		Route B: Option Y420+Y422+Y435	Overall	360	284	237	200	163	127	91	0
H645		Route B: Option Y420+Y422+Y436	Overall	360	285	236	201	166	131	96	0
H645		Route C: Option Y420+Y431+Y432+Y433	Overall	360	280	234	197	160	123	86	0
H645		Route C: Option Y420+Y431+Y432+Y434	Overall	360	286	241	204	167	130	93	0
H645		Route C: Option Y420+Y431+Y432+Y435	Overall	360	276	229	191	154	117	80	0
H645		Route C: Option Y420+Y431+Y432+Y436	Overall	360	277	228	192	156	120	85	0
H645		Route C: Option Y420+Y431+Y433+Y434	Overall	360	280	235	199	163	127	92	0
H645		Route C: Option Y420+Y431+Y433+Y435	Overall	360	270	223	187	151	115	79	0
H645		Route C: Option Y420+Y431+Y433+Y436	Overall	360	271	222	187	152	118	84	0
H645		Route C: Option Y420+Y431+Y434+Y435	Overall	360	276	230	194	158	122	86	0
H645		Route C: Option Y420+Y431+Y434+Y436	Overall	360	277	229	194	159	125	91	0
H645		Route C: Option Y420+Y431+Y435+Y436	Overall	360	267	217	182	147	112	78	0
H645		Route C: Option Y420+Y432+Y433+Y434	Overall	360	282	237	201	165	129	93	0
H645		Route C: Option Y420+Y432+Y433+Y435	Overall	360	272	225	188	152	116	80	0
H645		Route C: Option Y420+Y432+Y433+Y436	Overall	360	273	224	189	154	119	85	0
H645		Route C: Option Y420+Y432+Y434+Y435	Overall	360	278	232	195	159	123	87	0
H645		Route C: Option Y420+Y432+Y434+Y436	Overall	360	279	231	196	161	126	92	0
H645		Route C: Option Y420+Y432+Y435+Y436	Overall	360	269	219	184	149	114	79	0
H645		Route C: Option Y420+Y433+Y434+Y435	Overall	360	272	226	191	156	121	86	0
H645		Route C: Option Y420+Y433+Y434+Y436	Overall	360	273	225	191	157	124	91	0
H645		Route C: Option Y420+Y433+Y435+Y436	Overall	360	263	213	179	145	111	78	0
H645		Route C: Option Y420+Y434+Y435+Y436	Overall	360	269	220	186	152	118	85	0

AS GCE Further Mathematics B (MEI) (H635)

				Max Mark	a	b	c	d	e	u
Y410	01	Core Pure	Raw	60	37	31	25	20	15	0
Y411	01	Mechanics a	Raw	60	32	27	22	17	12	0
Y412	01	Statistics a	Raw	60	36	31	26	22	18	0
Y413	01	Modelling with Algorithms	Raw	60	29	25	21	17	14	0
Y414	01	Numerical Methods	Raw	60	31	26	22	18	14	0
Y415	01	Mechanics b	Raw	60	No entry for November 2020					
Y416	01	Statistics b	Raw	60	No entry for November 2020					
H635		Option Y410+Y411+Y412	Overall	180	105	90	75	60	45	0
H635		Option Y410+Y411+Y413	Overall	180	98	83	69	55	41	0
H635		Option Y410+Y411+Y414	Overall	180	100	85	70	55	41	0
H635		Option Y410+Y412+Y413	Overall	180	102	88	74	60	47	0
H635		Option Y410+Y412+Y414	Overall	180	104	89	75	61	47	0
H635		Option Y410+Y413+Y414	Overall	180	97	83	69	56	43	0

A Level Further Mathematics B (H645)

				Max Mark	a*	a	b	c	d	e	u
Y420	01	Core Pure	Raw	144	119	93	76	60	44	28	0
Y421	01	Mechanics major	Raw	120	77	60	47	34	22	10	0
Y422	01	Statistics major	Raw	120	99	85	71	58	45	32	0
Y431	01	Mechanics minor	Raw	60	45	37	30	23	16	10	0
Y432	01	Statistics minor	Raw	60	48	40	32	25	18	11	0
Y433	01	Modelling with algorithms	Raw	60	41	34	28	22	16	10	0
Y434	01	Numerical methods	Raw	60	49	42	35	29	23	17	0
Y435	01	Extra pure	Raw	60	37	29	23	17	12	7	0
Y436	01	Further pure with technology	Raw	60	No entry for November 2020						
		*Y420/01 raw marks (out of 144) have been weighted to give a total out of 180									
H645 A		Option Y420+Y421+Y432	Overall	360	274	216	176	136	96	56	0
H645 A		Option Y420+Y421+Y433	Overall	360	267	210	171	132	93	55	0
H645 A		Option Y420+Y421+Y434	Overall	360	275	218	179	140	101	62	0
H645 A		Option Y420+Y421+Y435	Overall	360	263	205	166	128	90	52	0
H645 B		Option Y420+Y422+Y431	Overall	360	293	238	197	157	117	77	0
H645 B		Option Y420+Y422+Y433	Overall	360	289	235	195	155	116	77	0
H645 B		Option Y420+Y422+Y434	Overall	360	297	243	203	163	123	84	0
H645 B		Option Y420+Y422+Y435	Overall	360	285	230	191	152	113	74	0
H645 C		Option Y420+Y431+Y432+Y433	Overall	360	283	227	186	146	106	66	0
H645 C		Option Y420+Y431+Y432+Y434	Overall	360	291	235	194	153	113	73	0
H645 C		Option Y420+Y431+Y432+Y435	Overall	360	279	222	182	142	102	63	0
H645 C		Option Y420+Y431+Y433+Y434	Overall	360	284	229	189	150	111	72	0
H645 C		Option Y420+Y431+Y433+Y435	Overall	360	272	216	177	138	100	62	0
H645 C		Option Y420+Y431+Y434+Y435	Overall	360	280	224	185	146	107	69	0
H645 C		Option Y420+Y432+Y433+Y434	Overall	360	287	232	192	152	112	73	0
H645 C		Option Y420+Y432+Y433+Y435	Overall	360	275	219	180	141	102	63	0
H645 C		Option Y420+Y432+Y434+Y435	Overall	360	283	227	187	148	109	70	0
H645 C		Option Y420+Y433+Y434+Y435	Overall	360	276	221	183	145	107	69	0

AS GCE Further Mathematics B (MEI) (H635)

				Max Mark	a	b	c	d	e	u
Y410	01	Core Pure	Raw	60	38	31	24	17	10	0
Y411	01	Mechanics a	Raw	60	31	25	20	15	10	0
Y412	01	Statistics a	Raw	60	38	32	26	20	14	0
Y413	01	Modelling with Algorithms	Raw	No entry for November 2021						
Y414	01	Numerical Methods	Raw	60	32	26	20	14	9	0
Y415	01	Mechanics b	Raw	60	36	29	22	16	10	0
Y416	01	Statistics b	Raw	No entry for November 2021						
H635		Option Y410+Y411+Y412	Overall	180	107	88	70	52	34	0
H635		Option Y410+Y411+Y415	Overall	180	105	86	67	48	30	0
H635		Option Y410+Y412+Y414	Overall	180	108	89	70	51	33	0

For H635, only options with entries are shown.

A Level Further Mathematics B (H645)

				Max Mark	a*	a	b	c	d	e	u
Y420	01	Core Pure	Raw	144	102	79	64	49	34	19	0
Y421	01	Mechanics major	Raw	120	70	55	43	32	21	10	0
Y422	01	Statistics major	Raw	120	97	84	71	58	45	33	0
Y431	01	Mechanics minor	Raw	60	44	34	28	22	16	10	0
Y432	01	Statistics minor	Raw	60	46	39	32	25	18	11	0
Y433	01	Modelling with algorithms	Raw	60	37	30	25	20	15	10	0
Y434	01	Numerical methods	Raw	60	46	40	34	28	22	16	0
Y435	01	Extra pure	Raw	60	36	28	22	17	12	7	0
Y436	01	Further pure with technology	Raw	60	37	27	22	17	13	9	0
H645		*Option Y420+Y421+Y432*	Overall	324	244	193	156	119	82	45	0
H645		*Option Y420+Y421+Y434*	Overall	324	244	194	158	122	86	50	0
H645		*Option Y420+Y421+Y435*	Overall	324	234	182	146	111	76	41	0
H645		*Option Y420+Y422+Y431*	Overall	324	269	217	179	141	104	67	0
H645		*Option Y420+Y422+Y433*	Overall	324	262	213	176	139	103	67	0
H645		*Option Y420+Y422+Y435*	Overall	324	261	211	174	137	100	64	0
H645		*Option Y420+Y431+Y432+Y433*	Overall	324	255	202	165	128	91	55	0
H645		*Option Y420+Y431+Y432+Y434*	Overall	324	264	212	174	136	98	61	0
H645		*Option Y420+Y431+Y433+Y434*	Overall	324	255	203	167	131	95	60	0
H645		*Option Y420+Y431+Y433+Y435*	Overall	324	245	191	156	121	86	51	0
H645		*Option Y420+Y431+Y434+Y435*	Overall	324	254	201	165	129	93	57	0
H645		*Option Y420+Y433+Y434+Y435*	Overall	324	247	197	162	127	92	57	0
H645		*Option Y420+Y433+Y435+Y436*	Overall	324	238	184	150	116	83	50	0

OCR MEI AS and A Level Further Maths Grade Boundaries - June 2022

AS GCE Further Mathematics B (MEI) (H635)

				Max Mark	a	b	c	d	e	u
Y410	01	Core Pure	Raw	60	38	32	26	20	15	0
Y411	01	Mechanics a	Raw	60	27	22	18	14	10	0
Y412	01	Statistics a	Raw	60	41	36	31	26	21	0
Y413	01	Modelling with Algorithms	Raw	60	31	26	22	18	14	0
Y414	01	Numerical Methods	Raw	60	32	28	24	20	16	0
Y415	01	Mechanics b	Raw	60	36	31	26	21	16	0
Y416	01	Statistics b	Raw	60	39	34	29	24	19	0
H635		*Option Y410+Y411+Y412*	Overall	180	106	91	76	61	46	0
H635		*Option Y410+Y411+Y413*	Overall	180	96	81	67	53	39	0
H635		*Option Y410+Y411+Y414*	Overall	180	97	83	69	55	41	0
H635		*Option Y410+Y411+Y415*	Overall	180	101	86	71	56	41	0
H635		*Option Y410+Y412+Y413*	Overall	180	110	95	80	65	50	0
H635		*Option Y410+Y412+Y414*	Overall	180	111	96	81	66	52	0
H635		*Option Y410+Y412+Y416*	Overall	180	118	102	86	70	55	0
H635		*Option Y410+Y413+Y414*	Overall	180	101	87	73	59	45	0
H635		*Option Y410+Y413+Y416*	Overall	180	108	93	78	63	48	0

A Level Further Mathematics B (MEI) (H645)

				Max Mark	a*	a	b	c	d	e	u
Y420	01	Core Pure *To create the overall boundaries, this component is weighted to give marks out of 180*	Raw	144	109	85	67	49	31	13	0
Y421	01	Mechanics Major	Raw	120	77	61	48	35	22	9	0
Y422	01	Statistics Major	Raw	120	85	69	53	38	23	8	0
Y431	01	Mechanics Minor	Raw	60	31	23	18	14	10	6	0
Y432	01	Statistics Minor	Raw	60	44	37	31	25	19	14	0
Y433	01	Modelling with Algorithms	Raw	60	38	32	27	22	17	13	0
Y434	01	Numerical Methods	Raw	60	38	30	24	18	13	8	0
Y435	01	Extra Pure	Raw	60	40	31	25	19	13	7	0
Y436	01	Further Pure with Technology	Raw	60	39	31	26	21	16	11	0
H645		*Route A: Option Y420+Y421+Y432*	Overall	360	257	204	162	121	80	39	0
H645		*Route A: Option Y420+Y421+Y433*	Overall	360	251	199	158	118	78	38	0
H645		*Route A: Option Y420+Y421+Y434*	Overall	360	251	197	156	115	74	33	0
H645		*Route A: Option Y420+Y421+Y435*	Overall	360	253	198	156	114	73	32	0
H645		*Route A: Option Y420+Y421+Y436*	Overall	360	252	198	157	116	76	36	0
H645		*Route B: Option Y420+Y422+Y431*	Overall	360	252	198	156	114	72	30	0
H645		*Route B: Option Y420+Y422+Y433*	Overall	360	259	207	164	121	79	37	0
H645		*Route B: Option Y420+Y422+Y434*	Overall	360	259	205	161	118	75	32	0
H645		*Route B: Option Y420+Y422+Y435*	Overall	360	261	206	162	118	74	31	0
H645		*Route C: Option Y420+Y431+Y432+Y433*	Overall	360	249	198	160	123	86	49	0
H645		*Route C: Option Y420+Y431+Y432+Y434*	Overall	360	249	196	158	120	82	44	0
H645		*Route C: Option Y420+Y431+Y432+Y435*	Overall	360	251	197	158	119	81	43	0
H645		*Route C: Option Y420+Y431+Y433+Y434*	Overall	360	243	191	154	117	80	43	0
H645		*Route C: Option Y420+Y431+Y433+Y435*	Overall	360	245	192	154	116	79	42	0
H645		*Route C: Option Y420+Y431+Y435+Y436*	Overall	360	246	191	153	115	77	40	0
H645		*Route C: Option Y420+Y432+Y433+Y434*	Overall	360	256	205	166	127	89	51	0
H645		*Route C: Option Y420+Y432+Y433+Y435*	Overall	360	258	206	167	128	89	50	0
H645		*Route C: Option Y420+Y432+Y434+Y435*	Overall	360	258	204	164	124	84	45	0
H645		*Route C: Option Y420+Y432+Y435+Y436*	Overall	360	259	205	165	126	87	48	0
H645		*Route C: Option Y420+Y433+Y434+Y435*	Overall	360	252	199	160	121	82	44	0
H645		*Route C: Option Y420+Y433+Y434+Y436*	Overall	360	251	199	161	123	85	48	0
H645		*Route C: Option Y420+Y433+Y435+Y436*	Overall	360	253	200	161	123	85	47	0
H645		*Route C: Option Y420+Y434+Y435+Y436*	Overall	360	253	198	159	120	81	42	0

OCR MEI AS and A Level Further Maths Grade Boundaries - June 2023

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 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