

OCR AS and A Level Maths Grade Boundaries - June 2018

AS GCE Further Mathematics A (H235)

| | | | Max Mark | a | b | c | d | e | u |
|------|--------------------------------|---------|----------|-----|-----|----|----|----|---|
| Y531 | 01 Pure Core | Raw | 60 | 47 | 42 | 37 | 32 | 27 | 0 |
| Y532 | 01 Statistics | Raw | 60 | 42 | 37 | 33 | 29 | 25 | 0 |
| Y533 | 01 Mechanics | Raw | 60 | 35 | 29 | 23 | 18 | 13 | 0 |
| Y534 | 01 Discrete Mathematics | Raw | 60 | 32 | 28 | 24 | 21 | 18 | 0 |
| Y535 | 01 Additional Pure Mathematics | Raw | 60 | 35 | 31 | 27 | 24 | 21 | 0 |
| H235 | Option Y531+Y532+Y533 | Overall | 180 | 124 | 109 | 94 | 79 | 65 | 0 |
| H235 | Option Y531+Y532+Y534 | Overall | 180 | 121 | 108 | 95 | 82 | 70 | 0 |
| H235 | Option Y531+Y532+Y535 | Overall | 180 | 124 | 111 | 98 | 85 | 73 | 0 |
| H235 | Option Y531+Y533+Y534 | Overall | 180 | 114 | 100 | 86 | 72 | 58 | 0 |
| H235 | Option Y531+Y533+Y535 | Overall | 180 | 117 | 103 | 89 | 75 | 61 | 0 |
| H235 | Option Y531+Y534+Y535 | Overall | 180 | 114 | 102 | 90 | 78 | 66 | 0 |

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

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| | | | Max Mark | a | b | c | d | e | u |
|------|--------------------------------|---------|----------|-----|-----|----|----|----|---|
| Y531 | 01 Pure Core | Raw | 60 | 39 | 34 | 30 | 26 | 22 | 0 |
| Y532 | 01 Statistics | Raw | 60 | 38 | 33 | 29 | 25 | 21 | 0 |
| Y533 | 01 Mechanics | Raw | 60 | 31 | 26 | 21 | 16 | 12 | 0 |
| Y534 | 01 Discrete Mathematics | Raw | 60 | 34 | 30 | 26 | 22 | 19 | 0 |
| Y535 | 01 Additional Pure Mathematics | Raw | 60 | 36 | 32 | 28 | 24 | 21 | 0 |
| H235 | Option Y531+Y532+Y533 | Overall | 180 | 108 | 94 | 81 | 68 | 55 | 0 |
| H235 | Option Y531+Y532+Y534 | Overall | 180 | 111 | 98 | 86 | 74 | 62 | 0 |
| H235 | Option Y531+Y532+Y535 | Overall | 180 | 113 | 100 | 88 | 76 | 64 | 0 |
| H235 | Option Y531+Y533+Y534 | Overall | 180 | 104 | 91 | 78 | 65 | 53 | 0 |
| H235 | Option Y531+Y533+Y535 | Overall | 180 | 106 | 93 | 80 | 67 | 55 | 0 |
| H235 | Option Y531+Y534+Y535 | Overall | 180 | 109 | 97 | 85 | 73 | 62 | 0 |

A Level Further Mathematics A (H245)

| | | | Max Mark | a* | a | b | c | d | e | u |
|------|--------------------------------|---------|----------|-----|-----|-----|-----|-----|----|---|
| Y540 | 01 Pure Core 1 | Raw | 75 | 61 | 51 | 43 | 35 | 27 | 20 | 0 |
| Y541 | 01 Pure Core 2 | Raw | 75 | 58 | 46 | 38 | 30 | 23 | 16 | 0 |
| Y542 | 01 Statistics | Raw | 75 | 63 | 54 | 47 | 41 | 35 | 29 | 0 |
| Y543 | 01 Mechanics | Raw | 75 | 52 | 42 | 36 | 30 | 24 | 18 | 0 |
| Y544 | 01 Discrete Mathematics | Raw | 75 | 51 | 45 | 38 | 31 | 24 | 18 | 0 |
| Y545 | 01 Additional Pure Mathematics | Raw | 75 | 56 | 47 | 39 | 31 | 24 | 17 | 0 |
| H245 | Option Y540+Y541+Y542+Y543 | Overall | 300 | 234 | 193 | 165 | 137 | 110 | 83 | 0 |
| H245 | Option Y540+Y541+Y542+Y544 | Overall | 300 | 233 | 196 | 167 | 139 | 111 | 83 | 0 |
| H245 | Option Y540+Y541+Y542+Y545 | Overall | 300 | 238 | 198 | 169 | 140 | 111 | 82 | 0 |
| H245 | Option Y540+Y541+Y543+Y544 | Overall | 300 | 222 | 184 | 156 | 128 | 100 | 72 | 0 |
| H245 | Option Y540+Y541+Y543+Y545 | Overall | 300 | 227 | 186 | 157 | 128 | 99 | 71 | 0 |
| H245 | Option Y540+Y541+Y544+Y545 | Overall | 300 | 226 | 189 | 159 | 129 | 100 | 71 | 0 |

OCR AS and A Level Maths Grade Boundaries - November 2020

AS GCE Further Mathematics A (H235)

| | | | Max Mark | a | b | c | d | e | u |
|------|--------------------------------|---------|----------|----------------------------|----|----|----|----|---|
| Y531 | 01 Pure Core | Raw | 60 | 35 | 30 | 25 | 21 | 17 | 0 |
| Y532 | 01 Statistics | Raw | 60 | 35 | 29 | 24 | 19 | 14 | 0 |
| Y533 | 01 Mechanics | Raw | 60 | 29 | 24 | 19 | 14 | 10 | 0 |
| Y534 | 01 Discrete Mathematics | Raw | 60 | 31 | 26 | 22 | 18 | 14 | 0 |
| Y535 | 01 Additional Pure Mathematics | Raw | 60 | No entry for November 2020 | | | | | |
| H235 | Option Y531+Y532+Y533 | Overall | 180 | 99 | 84 | 69 | 55 | 41 | 0 |
| H235 | Option Y531+Y532+Y534 | Overall | 180 | 101 | 87 | 73 | 59 | 45 | 0 |
| H235 | Option Y531+Y533+Y534 | Overall | 180 | 95 | 81 | 67 | 54 | 41 | 0 |

A Level Further Mathematics A (H245)

| | | | Max Mark | a* | a | b | c | d | e | u |
|------|--------------------------------|---------|----------|-----|-----|-----|-----|----|----|---|
| Y540 | 01 Pure Core 1 | Raw | 75 | 54 | 43 | 35 | 28 | 21 | 14 | 0 |
| Y541 | 01 Pure Core 2 | Raw | 75 | 51 | 43 | 35 | 28 | 21 | 14 | 0 |
| Y542 | 01 Statistics | Raw | 75 | 55 | 46 | 39 | 32 | 25 | 18 | 0 |
| Y543 | 01 Mechanics | Raw | 75 | 48 | 38 | 32 | 26 | 20 | 15 | 0 |
| Y544 | 01 Discrete Mathematics | Raw | 75 | 47 | 40 | 33 | 26 | 20 | 14 | 0 |
| Y545 | 01 Additional Pure Mathematics | Raw | 75 | 50 | 41 | 34 | 27 | 20 | 14 | 0 |
| H245 | Option Y540+Y541+Y542+Y543 | Overall | 300 | 208 | 170 | 142 | 115 | 88 | 61 | 0 |
| H245 | Option Y540+Y541+Y542+Y544 | Overall | 300 | 207 | 172 | 144 | 116 | 88 | 60 | 0 |
| H245 | Option Y540+Y541+Y542+Y545 | Overall | 300 | 210 | 173 | 144 | 116 | 88 | 60 | 0 |
| H245 | Option Y540+Y541+Y543+Y544 | Overall | 300 | 200 | 164 | 137 | 110 | 83 | 57 | 0 |
| H245 | Option Y540+Y541+Y543+Y545 | Overall | 300 | 203 | 165 | 138 | 111 | 84 | 57 | 0 |
| H245 | Option Y540+Y541+Y544+Y545 | Overall | 300 | 202 | 167 | 139 | 111 | 83 | 56 | 0 |

OCR AS and A Level Maths Grade Boundaries - November 2021

AS GCE Further Mathematics A (H235)

| | | | Max Mark | a | b | c | d | e | u | |
|------|--------------------------------|-----|----------------------------|-----|----|----|----|----|----|---|
| Y531 | 01 Pure Core | Raw | 60 | 33 | 28 | 23 | 19 | 15 | 0 | |
| Y532 | 01 Statistics | Raw | No entry for November 2021 | | | | | | | |
| Y533 | 01 Mechanics | Raw | 60 | 27 | 22 | 18 | 14 | 10 | 0 | |
| Y534 | 01 Discrete Mathematics | Raw | 60 | 28 | 24 | 20 | 16 | 12 | 0 | |
| Y535 | 01 Additional Pure Mathematics | Raw | No entry for November 2021 | | | | | | | |
| H235 | Option Y531+Y533+Y534 | | Overall | 180 | 88 | 75 | 62 | 49 | 37 | 0 |

For H235, only options with entries are shown.

A Level Further Mathematics A (H245)

| Level Further mathematics A (H245) | | | | Max Mark | a* | a | b | c | d | e | u |
|------------------------------------|----|-----------------------------|---------|----------|-----|-----|-----|-----|----|----|---|
| Y540 | 01 | Pure Core 1 | Raw | 75 | 53 | 43 | 36 | 29 | 22 | 16 | 0 |
| Y541 | 01 | Pure Core 2 | Raw | 75 | 51 | 40 | 33 | 26 | 19 | 13 | 0 |
| Y542 | 01 | Statistics | Raw | 75 | 52 | 43 | 36 | 29 | 23 | 17 | 0 |
| Y543 | 01 | Mechanics | Raw | 75 | 44 | 34 | 29 | 24 | 19 | 15 | 0 |
| Y544 | 01 | Discrete Mathematics | Raw | 75 | 43 | 37 | 31 | 25 | 20 | 15 | 0 |
| Y545 | 01 | Additional Pure Mathematics | Raw | 75 | 48 | 39 | 32 | 26 | 20 | 14 | 0 |
| H245 | | Option Y540+Y541+Y542+Y543 | Overall | 300 | 200 | 160 | 135 | 110 | 85 | 61 | 0 |
| H245 | | Option Y540+Y541+Y542+Y544 | Overall | 300 | 199 | 163 | 137 | 111 | 86 | 61 | 0 |
| H245 | | Option Y540+Y541+Y542+Y545 | Overall | 300 | 204 | 165 | 138 | 112 | 86 | 60 | 0 |
| H245 | | Option Y540+Y541+Y543+Y544 | Overall | 300 | 191 | 154 | 130 | 106 | 82 | 59 | 0 |
| H245 | | Option Y540+Y541+Y543+Y545 | Overall | 300 | 196 | 156 | 131 | 106 | 82 | 58 | 0 |
| H245 | | Option Y540+Y541+Y544+Y545 | Overall | 300 | 195 | 159 | 133 | 108 | 83 | 58 | 0 |

OCR AS and A Level Maths Grade Boundaries - June 2022

AS GCE Further Mathematics A (H235)

| AS GCE Further Mathematics A (H235) | | | | Max Mark | a | b | c | d | e | u |
|-------------------------------------|----|-----------------------------|---------|----------|-----|----|----|----|----|---|
| Y531 | 01 | Pure Core | Raw | 60 | 38 | 33 | 29 | 25 | 21 | 0 |
| Y532 | 01 | Statistics | Raw | 60 | 37 | 32 | 28 | 24 | 20 | 0 |
| Y533 | 01 | Mechanics | Raw | 60 | 36 | 31 | 27 | 23 | 19 | 0 |
| Y534 | 01 | Discrete Mathematics | Raw | 60 | 33 | 29 | 25 | 21 | 18 | 0 |
| Y535 | 01 | Additional Pure Mathematics | Raw | 60 | 35 | 31 | 27 | 23 | 20 | 0 |
| H235 | | Option Y531+Y532+Y533 | Overall | 180 | 111 | 98 | 85 | 72 | 60 | 0 |
| H235 | | Option Y531+Y532+Y534 | Overall | 180 | 108 | 95 | 83 | 71 | 59 | 0 |
| H235 | | Option Y531+Y532+Y535 | Overall | 180 | 110 | 97 | 85 | 73 | 61 | 0 |
| H235 | | Option Y531+Y533+Y534 | Overall | 180 | 107 | 94 | 82 | 70 | 58 | 0 |
| H235 | | Option Y531+Y533+Y535 | Overall | 180 | 109 | 96 | 84 | 72 | 60 | 0 |
| H235 | | Option Y531+Y534+Y535 | Overall | 180 | 106 | 94 | 82 | 70 | 59 | 0 |

A Level Further Mathematics A (H245)

| Level 1 and 2 Mathematics A (H245) | | | Max Mark | a* | a | b | c | d | e | u | |
|------------------------------------|----|-----------------------------|----------|-----|-----|-----|-----|-----|----|----|---|
| Y540 | 01 | Pure Core 1 | Raw | 75 | 50 | 42 | 34 | 27 | 20 | 13 | 0 |
| Y541 | 01 | Pure Core 2 | Raw | 75 | 45 | 36 | 29 | 22 | 16 | 10 | 0 |
| Y542 | 01 | Statistics | Raw | 75 | 59 | 49 | 39 | 30 | 21 | 12 | 0 |
| Y543 | 01 | Mechanics | Raw | 75 | 45 | 33 | 26 | 20 | 14 | 8 | 0 |
| Y544 | 01 | Discrete Mathematics | Raw | 75 | 49 | 39 | 32 | 25 | 18 | 11 | 0 |
| Y545 | 01 | Additional Pure Mathematics | Raw | 75 | 39 | 29 | 23 | 18 | 13 | 8 | 0 |
| H245 | | Option Y540+Y541+Y542+Y543 | Overall | 300 | 199 | 160 | 130 | 101 | 72 | 43 | 0 |
| H245 | | Option Y540+Y541+Y542+Y544 | Overall | 300 | 203 | 166 | 136 | 106 | 76 | 46 | 0 |
| H245 | | Option Y540+Y541+Y542+Y545 | Overall | 300 | 193 | 156 | 127 | 99 | 71 | 43 | 0 |
| H245 | | Option Y540+Y541+Y543+Y544 | Overall | 300 | 189 | 150 | 123 | 96 | 69 | 42 | 0 |
| H245 | | Option Y540+Y541+Y543+Y545 | Overall | 300 | 179 | 140 | 114 | 89 | 64 | 39 | 0 |
| H245 | | Option Y540+Y541+Y544+Y545 | Overall | 300 | 183 | 146 | 120 | 94 | 68 | 42 | 0 |

OCR AS and A Level Maths Grade Boundaries - June 2023

AS GCE Further Mathematics A (H235)

| | | | Max Mark | a | b | c | d | e | u | |
|------|----|-----------------------------|----------|-----|-----|-----|----|----|----|---|
| Y531 | 01 | Pure Core | Raw | 60 | 42 | 37 | 32 | 27 | 23 | 0 |
| Y532 | 01 | Statistics | Raw | 60 | 37 | 32 | 27 | 22 | 17 | 0 |
| Y533 | 01 | Mechanics | Raw | 60 | 41 | 36 | 31 | 27 | 23 | 0 |
| Y534 | 01 | Discrete Mathematics | Raw | 60 | 36 | 31 | 27 | 23 | 19 | 0 |
| Y535 | 01 | Additional Pure Mathematics | Raw | 60 | 30 | 26 | 22 | 19 | 16 | 0 |
| H235 | | Option Y531+Y532+Y533 | Overall | 180 | 120 | 105 | 91 | 77 | 63 | 0 |
| H235 | | Option Y531+Y532+Y534 | Overall | 180 | 115 | 101 | 87 | 73 | 59 | 0 |
| H235 | | Option Y531+Y532+Y535 | Overall | 180 | 109 | 95 | 82 | 69 | 56 | 0 |
| H235 | | Option Y531+Y533+Y534 | Overall | 180 | 119 | 105 | 91 | 78 | 65 | 0 |
| H235 | | Option Y531+Y533+Y535 | Overall | 180 | 113 | 100 | 87 | 74 | 62 | 0 |
| H235 | | Option Y531+Y534+Y535 | Overall | 180 | 108 | 95 | 82 | 70 | 58 | 0 |

A Level Further Mathematics A (H245)

| | | | Max Mark | a* | a | b | c | d | e | u | |
|------|----|-----------------------------|----------|-----|-----|-----|-----|-----|----|----|---|
| Y540 | 01 | Pure Core 1 | Raw | 75 | 48 | 38 | 31 | 24 | 18 | 12 | 0 |
| Y541 | 01 | Pure Core 2 | Raw | 75 | 48 | 38 | 31 | 25 | 19 | 13 | 0 |
| Y542 | 01 | Statistics | Raw | 75 | 52 | 42 | 34 | 27 | 20 | 13 | 0 |
| Y543 | 01 | Mechanics | Raw | 75 | 51 | 40 | 32 | 25 | 18 | 11 | 0 |
| Y544 | 01 | Discrete Mathematics | Raw | 75 | 60 | 50 | 41 | 32 | 24 | 16 | 0 |
| Y545 | 01 | Additional Pure Mathematics | Raw | 75 | 48 | 38 | 32 | 26 | 20 | 14 | 0 |
| H245 | | Option Y540+Y541+Y542+Y543 | Overall | 300 | 199 | 158 | 130 | 103 | 76 | 49 | 0 |
| H245 | | Option Y540+Y541+Y542+Y544 | Overall | 300 | 208 | 168 | 139 | 110 | 82 | 54 | 0 |
| H245 | | Option Y540+Y541+Y542+Y545 | Overall | 300 | 196 | 156 | 130 | 104 | 78 | 52 | 0 |
| H245 | | Option Y540+Y541+Y543+Y544 | Overall | 300 | 207 | 166 | 137 | 108 | 80 | 52 | 0 |
| H245 | | Option Y540+Y541+Y543+Y545 | Overall | 300 | 195 | 154 | 128 | 102 | 76 | 50 | 0 |
| H245 | | Option Y540+Y541+Y544+Y545 | Overall | 300 | 204 | 164 | 136 | 109 | 82 | 55 | 0 |