Cambridge Assessment International Education

# Grade thresholds – November 2019

## Cambridge International AS & A Level Mathematics (9709)

Grade thresholds taken for Syllabus 9709 (Mathematics) in the November 2019 examination.

| | | minimum raw mark required for grade: | | | | |
|---|---|---|---|---|---|---|
| | maximum raw mark available | A | B | C | D | E |
| Component 11 | 75 | 61 | 52 | 42 | 32 | 22 |
| Component 12 | 75 | 66 | 61 | 48 | 35 | 23 |
| Component 13 | 75 | 63 | 56 | 46 | 36 | 27 |
| Component 21 | 50 | 40 | 35 | 28 | 22 | 15 |
| Component 22 | 50 | 41 | 37 | 30 | 23 | 15 |
| Component 23 | 50 | 40 | 35 | 28 | 22 | 15 |
| Component 31 | 75 | 62 | 55 | 46 | 37 | 28 |
| Component 32 | 75 | 60 | 53 | 43 | 33 | 24 |
| Component 33 | 75 | 58 | 50 | 42 | 33 | 24 |
| Component 41 | 50 | 40 | 34 | 29 | 23 | 17 |
| Component 42 | 50 | 37 | 32 | 27 | 22 | 16 |
| Component 43 | 50 | 42 | 37 | 31 | 26 | 20 |
| Component 51 | 50 | 38 | 32 | 27 | 22 | 16 |
| Component 52 | 50 | 36 | 29 | 24 | 18 | 11 |
| Component 53 | 50 | 38 | 32 | 27 | 22 | 16 |
| Component 61 | 50 | 44 | 38 | 32 | 26 | 19 |
| Component 62 | 50 | 42 | 38 | 33 | 27 | 20 |
| Component 63 | 50 | 44 | 40 | 34 | 28 | 22 |
| Component 72 | 50 | 40 | 36 | 31 | 25 | 19 |
| Component 73 | 50 | 44 | 40 | 35 | 30 | 24 |

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 and **125** for AS Level.

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

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## Grade thresholds continued

Cambridge AS & A Level Mathematics (9709)

| Option | Combination of Components | A* | A | B | C | D | E |
|---|---|---|---|---|---|---|---|
| AX | 11, 31, 41, 61 | 228 | 207 | 179 | 148 | 117 | 86 |
| AY | 12, 32, 42, 62 | 226 | 205 | 184 | 150 | 116 | 83 |
| AZ | 13, 33, 43, 63 | 228 | 207 | 183 | 153 | 123 | 93 |
| BX | 11, 31, 41, 51 | 225 | 201 | 173 | 143 | 113 | 83 |
| BY | 12, 32, 42, 52 | 223 | 199 | 175 | 141 | 107 | 74 |
| BZ | 13, 33, 43, 53 | 225 | 201 | 175 | 145 | 116 | 87 |
| CY | 12, 32, 62, 72 | 228 | 208 | 188 | 154 | 120 | 86 |
| CZ | 13, 33, 63, 73 | 229 | 209 | 186 | 156 | 126 | 97 |
| DX | 31, 61, 84 | 229 | 208 | 182 | 150 | 119 | 88 |
| DY | 32, 62, 85 | 228 | 207 | 182 | 150 | 118 | 87 |
| DZ | 33, 63, 86 | 228 | 206 | 180 | 151 | 122 | 93 |
| EX | 31, 41, 87 | 227 | 204 | 180 | 150 | 120 | 90 |
| EY | 32, 42, 88 | 225 | 200 | 173 | 141 | 109 | 77 |
| EZ | 33, 43, 89 | 228 | 207 | 182 | 152 | 122 | 93 |
| FX | 31, 51, 84 | 226 | 202 | 176 | 145 | 115 | 85 |
| FY | 32, 52, 85 | 225 | 201 | 173 | 141 | 109 | 78 |
| FZ | 33, 53, 86 | 225 | 200 | 172 | 143 | 115 | 87 |
| GY | 32, 72, 88 | 226 | 203 | 177 | 144 | 112 | 80 |
| GZ | 33, 73, 89 | 229 | 209 | 185 | 155 | 126 | 97 |
| HX | 31, 61, 94 | 229 | 208 | 181 | 149 | 117 | 85 |
| HY | 32, 62, 95 | 222 | 199 | 176 | 142 | 109 | 76 |
| HZ | 33, 63, 96 | 228 | 206 | 182 | 152 | 122 | 92 |
| IY | 32, 42, 98 | 222 | 199 | 176 | 142 | 109 | 76 |
| IZ | 33, 43, 99 | 228 | 207 | 183 | 152 | 121 | 90 |
| JX | 31, 51, 94 | 226 | 202 | 175 | 144 | 113 | 82 |
| JY | 32, 52, 95 | 219 | 193 | 167 | 133 | 100 | 67 |
| JZ | 33, 53, 96 | 225 | 200 | 174 | 144 | 115 | 86 |
| KY | 32, 72, 98 | 224 | 202 | 180 | 146 | 112 | 79 |
| KZ | 33, 73, 99 | 229 | 209 | 186 | 155 | 124 | 94 |
| OV | 32, 62, 75 | 231 | 212 | 189 | 158 | 127 | 96 |
| PV | 32, 42, 78 | 229 | 209 | 187 | 158 | 130 | 102 |
| QV | 32, 52, 75 | 228 | 206 | 180 | 149 | 118 | 87 |
| RV | 32, 72, 78 | 231 | 212 | 191 | 162 | 133 | 105 |
| S1 | 11, 21 | – | 101 | 87 | 70 | 53 | 37 |

## Grade thresholds continued

Cambridge AS & A Level Mathematics (9709)

| Option | Combination of Components | A* | A | B | C | D | E |
|---|---|---|---|---|---|---|---|
| S2 | 11, 41 | – | 101 | 86 | 70 | 54 | 39 |
| S3 | 11, 61 | – | 105 | 90 | 73 | 57 | 41 |
| S4 | 12, 22 | – | 107 | 98 | 78 | 58 | 38 |
| S5 | 12, 42 | – | 103 | 93 | 75 | 57 | 39 |
| S6 | 12, 62 | – | 108 | 99 | 80 | 61 | 43 |
| S7 | 13, 23 | – | 103 | 91 | 74 | 58 | 42 |
| S8 | 13, 43 | – | 105 | 93 | 77 | 62 | 47 |
| S9 | 13, 63 | – | 107 | 96 | 80 | 64 | 49 |

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