



## Grade thresholds – November 2021

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

Grade thresholds taken for Syllabus 9709 (Mathematics) in the November 2021 examination.

|              | maximum raw mark available | minimum raw mark required for grade: |    |    |    |    |
|--------------|----------------------------|--------------------------------------|----|----|----|----|
|              |                            | A                                    | B  | C  | D  | E  |
| Component 11 | 75                         | 50                                   | 40 | 30 | 21 | 11 |
| Component 12 | 75                         | 51                                   | 40 | 29 | 18 | 7  |
| Component 13 | 75                         | 52                                   | 43 | 34 | 25 | 15 |
| Component 21 | 50                         | 39                                   | 33 | 25 | 17 | 10 |
| Component 22 | 50                         | 39                                   | 33 | 24 | 15 | 7  |
| Component 23 | 50                         | 39                                   | 33 | 25 | 17 | 10 |
| Component 31 | 75                         | 52                                   | 43 | 35 | 26 | 17 |
| Component 32 | 75                         | 50                                   | 41 | 33 | 24 | 14 |
| Component 33 | 75                         | 52                                   | 44 | 36 | 28 | 19 |
| Component 41 | 50                         | 35                                   | 29 | 23 | 16 | 10 |
| Component 42 | 50                         | 28                                   | 23 | 17 | 11 | 6  |
| Component 43 | 50                         | 35                                   | 29 | 22 | 16 | 10 |
| Component 51 | 50                         | 36                                   | 31 | 24 | 17 | 11 |
| Component 52 | 50                         | 37                                   | 31 | 22 | 14 | 6  |
| Component 53 | 50                         | 40                                   | 35 | 29 | 23 | 17 |
| Component 61 | 50                         | 42                                   | 37 | 31 | 26 | 20 |
| Component 62 | 50                         | 34                                   | 30 | 24 | 19 | 14 |
| Component 63 | 50                         | 42                                   | 37 | 31 | 26 | 20 |

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, **125** for A2-only A Level, and **125** for AS Level.

The overall thresholds for the different grades were set as follows. Options with the suffix J, e.g. BX (BXJ), refer to A2-only options.

| Option | Combination of Components | A*  | A   | B   | C   | D  | E  |
|--------|---------------------------|-----|-----|-----|-----|----|----|
| AX     | 11, 31, 41, 51            | 203 | 173 | 143 | 111 | 80 | 49 |
| AY     | 12, 32, 42, 52            | 197 | 166 | 135 | 101 | 67 | 33 |

## Grade thresholds continued

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

| Option | Combination of Components | A*  | A   | B   | C   | D   | E  |
|--------|---------------------------|-----|-----|-----|-----|-----|----|
| AZ     | 13, 33, 43, 53            | 207 | 179 | 151 | 121 | 91  | 61 |
| CX     | 11, 31, 51, 61            | 209 | 180 | 151 | 120 | 89  | 59 |
| CY     | 12, 32, 52, 62            | 202 | 172 | 142 | 108 | 74  | 41 |
| CZ     | 13, 33, 53, 63            | 213 | 186 | 159 | 129 | 100 | 71 |
| CZ     | 13, 53                    | –   | 92  | 78  | 62  | 47  | 32 |
| DX     | 31, 51, 84                | 200 | 171 | 142 | 111 | 81  | 51 |
| DXJ    | 31, 51                    | 106 | 87  | 65  | 47  | 30  | 13 |
| DY     | 32, 52, 85                | 198 | 169 | 140 | 107 | 74  | 41 |
| DYJ    | 32, 52                    | 105 | 86  | 62  | 45  | 29  | 13 |
| DZ     | 33, 53, 86                | 209 | 182 | 155 | 126 | 97  | 68 |
| DZJ    | 33, 53                    | 108 | 91  | 70  | 51  | 33  | 15 |
| EX     | 31, 41, 87                | 203 | 173 | 143 | 112 | 82  | 52 |
| EXJ    | 31, 41                    | 105 | 86  | 63  | 46  | 29  | 13 |
| EY     | 32, 42, 88                | 198 | 169 | 140 | 108 | 77  | 46 |
| EYJ    | 32, 42                    | 99  | 77  | 55  | 41  | 27  | 13 |
| EZ     | 33, 43, 89                | 211 | 182 | 153 | 122 | 92  | 62 |
| GY     | 32, 62, 88                | 203 | 175 | 147 | 116 | 85  | 54 |
| GYJ    | 32, 62                    | 104 | 83  | 62  | 45  | 29  | 13 |
| GZ     | 33, 63, 89                | 217 | 189 | 161 | 131 | 101 | 72 |
| GZJ    | 33, 63                    | 109 | 93  | 72  | 54  | 36  | 18 |
| HY     | 32, 52, 95                | 207 | 177 | 147 | 112 | 77  | 43 |
| HZ     | 33, 53, 96                | 215 | 188 | 161 | 131 | 101 | 72 |
| IY     | 32, 42, 98                | 200 | 170 | 140 | 107 | 74  | 42 |
| IZ     | 33, 43, 99                | 212 | 184 | 156 | 125 | 94  | 64 |
| KY     | 32, 62, 98                | 205 | 176 | 147 | 114 | 82  | 50 |
| KZ     | 33, 63, 99                | 218 | 191 | 164 | 134 | 104 | 74 |
| LY     | 12, 32, 42, 52            | 197 | 166 | 135 | 101 | 67  | 33 |
| LZ     | 13, 33, 43, 53            | 207 | 179 | 151 | 121 | 91  | 61 |
| NV     | 12, 32, 52, 62            | 202 | 172 | 142 | 108 | 74  | 41 |
| NY     | 12, 32, 52, 62            | 202 | 172 | 142 | 108 | 74  | 41 |
| NZ     | 13, 33, 53, 63            | 213 | 186 | 159 | 129 | 100 | 71 |
| OV     | 32, 52, 75                | 212 | 181 | 150 | 114 | 79  | 44 |
| PV     | 32, 42, 78                | 204 | 174 | 144 | 111 | 78  | 45 |
| RV     | 32, 62, 78                | 209 | 180 | 151 | 118 | 85  | 53 |
| S1     | 11, 21                    | –   | 89  | 73  | 55  | 38  | 21 |

## Grade thresholds continued

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

| Option | Combination of Components | A* | A  | B  | C  | D  | E  |
|--------|---------------------------|----|----|----|----|----|----|
| S2     | 11, 41                    | –  | 85 | 69 | 53 | 37 | 21 |
| S3     | 11, 51                    | –  | 86 | 71 | 54 | 38 | 22 |
| S4     | 12, 22                    | –  | 90 | 73 | 53 | 33 | 14 |
| S5     | 12, 42                    | –  | 79 | 63 | 46 | 29 | 13 |
| S6     | 12, 52                    | –  | 88 | 71 | 51 | 32 | 13 |
| S7     | 13, 23                    | –  | 91 | 76 | 59 | 42 | 25 |
| S8     | 13, 43                    | –  | 87 | 72 | 56 | 40 | 25 |
| S9     | 13, 53                    | –  | 92 | 78 | 62 | 47 | 32 |

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