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AQA GCSE (9-1) MATHEMATICS 8300

AQA 8300 GRADE CALCULATOR & FIVE-YEAR RESULTS HANDBOOK

Official June boundaries and AQA results statistics | 2022-2026

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How to use this document

This handbook is a data reference and calculation guide. It contains the complete June 2022–2026 overall subject boundaries for both tiers, percentage equivalents, five-year range/median analysis, AQA cumulative results statistics, worked examples and target-planning sheets. It does not predict future boundaries.

Section	What it gives you
Part 1	How 240 marks become a grade and why boundaries move.
Part 2	Year-by-year official Foundation/Higher boundary records.
Part 3	Five-year descriptive analysis.
Part 4	AQA results distributions and entries.
Part 5	Worked calculator and student target planner.
References	Direct AQA boundary and statistics PDFs.

Source tags such as [SPEC-N4] or [ER23-H3] are defined in the References section. They are there so a tutor, student or editor can audit where each factual statement came from.

Part 1 - What a grade boundary actually means

240-mark total

Meaning: Three papers $\times$ 80 marks. The official subject grade is based on the combined total.

Source: [ASSESS] [GB]

Minimum mark

Meaning: A published boundary is the minimum total mark for that grade in that series.

Source: [ASSESS] [GB]

Boundaries are not fixed percentages

Meaning: AQA sets boundaries after marking to account for differences in paper demand. A historic 65% grade 7 does not create a permanent 65% rule.

Source: [ASSESS] [GB]

Use overall boundaries

Meaning: Component/notional boundaries can be useful for teaching, but the official qualification grade is based on the overall subject total.

Source: [ASSESS] [GB]

Tier matters

Meaning: Use Foundation boundaries only for Foundation entries and Higher boundaries only for Higher entries.

Source: [ASSESS] [GB]

Part 2 - Official boundary record by year

June 2022

Tier	Grade	Minimum mark /240	Percentage equivalent
Foundation	5	172	71.7%
Foundation	4	135	56.2%
Foundation	3	101	42.1%
Foundation	2	67	27.9%
Foundation	1	33	13.8%
Higher	9	214	89.2%
Higher	8	185	77.1%
Higher	7	156	65.0%
Higher	6	121	50.4%
Higher	5	86	35.8%
Higher	4	51	21.2%
Higher	3	33	13.8%

Reading example: use the 2022 row only for a student whose papers belong to the June 2022 series. A total exactly on a boundary receives that grade; one mark below falls into the next lower band (subject to the bottom/unclassified rules).

[GB-2022] AQA GCSE grade boundaries, June 2022: https://filestore.aqa.org.uk/over/stat_pdf/AQA-GCSE-GDE-BDY-JUN-2022.PDF

June 2023

Tier	Grade	Minimum mark /240	Percentage equivalent
Foundation	5	189	78.8%
Foundation	4	158	65.8%
Foundation	3	117	48.8%
Foundation	2	76	31.7%
Foundation	1	35	14.6%
Higher	9	214	89.2%
Higher	8	186	77.5%
Higher	7	158	65.8%
Higher	6	125	52.1%
Higher	5	92	38.3%
Higher	4	59	24.6%
Higher	3	42	17.5%

Reading example: use the 2023 row only for a student whose papers belong to the June 2023 series. A total exactly on a boundary receives that grade; one mark below falls into the next lower band (subject to the bottom/unclassified rules).

[GB-2023] AQA GCSE grade boundaries, June 2023: https://filestore.aqa.org.uk/over/stat_pdf/AQA-GCSE-GDE-BDY-JUN-2023.PDF

June 2024

Tier	Grade	Minimum mark /240	Percentage equivalent
Foundation	5	186	77.5%
Foundation	4	157	65.4%
Foundation	3	117	48.8%
Foundation	2	77	32.1%
Foundation	1	37	15.4%
Higher	9	219	91.2%
Higher	8	191	79.6%
Higher	7	163	67.9%

Tier	Grade	Minimum mark /240	Percentage equivalent
Higher	6	129	53.8%
Higher	5	95	39.6%
Higher	4	61	25.4%
Higher	3	44	18.3%

Reading example: use the 2024 row only for a student whose papers belong to the June 2024 series. A total exactly on a boundary receives that grade; one mark below falls into the next lower band (subject to the bottom/unclassified rules).

[GB-2024] AQA GCSE grade boundaries, June 2024: https://filestore.aqa.org.uk/over/stat_pdf/AQA-GCSE-GDE-BDY-JUN-2024.PDF

June 2025

Tier	Grade	Minimum mark /240	Percentage equivalent
Foundation	5	188	78.3%
Foundation	4	160	66.7%
Foundation	3	119	49.6%
Foundation	2	79	32.9%
Foundation	1	39	16.2%
Higher	9	219	91.2%
Higher	8	191	79.6%
Higher	7	164	68.3%
Higher	6	130	54.2%
Higher	5	96	40.0%
Higher	4	63	26.2%
Higher	3	46	19.2%

Reading example: use the 2025 row only for a student whose papers belong to the June 2025 series. A total exactly on a boundary receives that grade; one mark below falls into the next lower band (subject to the bottom/unclassified rules).

[GB-2025] AQA GCSE grade boundaries, June 2025: https://filestore.aqa.org.uk/over/stat_pdf/AQA-GCSE-GDE-BDY-JUN-2025.PDF

June 2026

Tier	Grade	Minimum mark /240	Percentage equivalent
Foundation	5	187	77.9%
Foundation	4	154	64.2%
Foundation	3	115	47.9%
Foundation	2	76	31.7%
Foundation	1	38	15.8%
Higher	9	219	91.2%
Higher	8	192	80.0%
Higher	7	166	69.2%
Higher	6	131	54.6%
Higher	5	97	40.4%
Higher	4	63	26.2%
Higher	3	46	19.2%

Reading example: use the 2026 row only for a student whose papers belong to the June 2026 series. A total exactly on a boundary receives that grade; one mark below falls into the next lower band (subject to the bottom/unclassified rules).

[GB-2026] AQA GCSE grade boundaries, June 2026: https://filestore.aqa.org.uk/over/stat_pdf/AQA-GCSE-GDE-BDY-JUN-2026.PDF

Part 3 - Five-year descriptive analysis

Foundation

Foundation grade 5

Five-year values: 2022: 172, 2023: 189, 2024: 186, 2025: 188, 2026: 187

Minimum / maximum: 172 to 189 marks (range 17)

Median: $187/240 = 77.9\%$

Interpretation: This is a descriptive summary of 2022–2026 only. It is not an AQA forecast and should not be used as a guaranteed future threshold.

Source: Calculated from [GB-2022]–[GB-2026]

Foundation grade 4

Five-year values: 2022: 135, 2023: 158, 2024: 157, 2025: 160, 2026: 154

Minimum / maximum: 135 to 160 marks (range 25)

Median: $157/240 = 65.4\%$

Interpretation: This is a descriptive summary of 2022–2026 only. It is not an AQA forecast and should not be used as a guaranteed future threshold.

Source: Calculated from [GB-2022]–[GB-2026]

Foundation grade 3

Five-year values: 2022: 101, 2023: 117, 2024: 117, 2025: 119, 2026: 115

Minimum / maximum: 101 to 119 marks (range 18)

Median: $117/240 = 48.8\%$

Interpretation: This is a descriptive summary of 2022–2026 only. It is not an AQA forecast and should not be used as a guaranteed future threshold.

Source: Calculated from [GB-2022]–[GB-2026]

Foundation grade 2

Five-year values: 2022: 67, 2023: 76, 2024: 77, 2025: 79, 2026: 76

Minimum / maximum: 67 to 79 marks (range 12)

Median: $76/240 = 31.7\%$

Interpretation: This is a descriptive summary of 2022–2026 only. It is not an AQA forecast and should not be used as a guaranteed future threshold.

Source: Calculated from [GB-2022]–[GB-2026]

Foundation grade 1

Five-year values: 2022: 33, 2023: 35, 2024: 37, 2025: 39, 2026: 38

Minimum / maximum: 33 to 39 marks (range 6)

Median: $37/240 = 15.4\%$

Interpretation: This is a descriptive summary of 2022–2026 only. It is not an AQA forecast and should not be used as a guaranteed future threshold.

Source: Calculated from [GB-2022]–[GB-2026]

Higher

Higher grade 9

Five-year values: 2022: 214, 2023: 214, 2024: 219, 2025: 219, 2026: 219

Minimum / maximum: 214 to 219 marks (range 5)

Median: $219/240 = 91.2\%$

Interpretation: This is a descriptive summary of 2022–2026 only. It is not an AQA forecast and should not be used as a guaranteed future threshold.

Source: Calculated from [GB-2022]–[GB-2026]

Higher grade 8

Five-year values: 2022: 185, 2023: 186, 2024: 191, 2025: 191, 2026: 192

Minimum / maximum: 185 to 192 marks (range 7)

Median: $191/240 = 79.6\%$

Interpretation: This is a descriptive summary of 2022–2026 only. It is not an AQA forecast and should not be used as a guaranteed future threshold.

Source: Calculated from [GB-2022]–[GB-2026]

Higher grade 7

Five-year values: 2022: 156, 2023: 158, 2024: 163, 2025: 164, 2026: 166

Minimum / maximum: 156 to 166 marks (range 10)

Median: $163/240 = 67.9\%$

Interpretation: This is a descriptive summary of 2022–2026 only. It is not an AQA forecast and should not be used as a guaranteed future threshold.

Source: Calculated from [GB-2022]–[GB-2026]

Higher grade 6

Five-year values: 2022: 121, 2023: 125, 2024: 129, 2025: 130, 2026: 131

Minimum / maximum: 121 to 131 marks (range 10)

Median: $129/240 = 53.8\%$

Interpretation: This is a descriptive summary of 2022–2026 only. It is not an AQA forecast and should not be used as a guaranteed future threshold.

Source: Calculated from [GB-2022]–[GB-2026]

Higher grade 5

Five-year values: 2022: 86, 2023: 92, 2024: 95, 2025: 96, 2026: 97

Minimum / maximum: 86 to 97 marks (range 11)

Median: $95/240 = 39.6\%$

Interpretation: This is a descriptive summary of 2022–2026 only. It is not an AQA forecast and should not be used as a guaranteed future threshold.

Source: Calculated from [GB-2022]–[GB-2026]

Higher grade 4

Five-year values: 2022: 51, 2023: 59, 2024: 61, 2025: 63, 2026: 63

Minimum / maximum: 51 to 63 marks (range 12)

Median: $61/240 = 25.4\%$

Interpretation: This is a descriptive summary of 2022–2026 only. It is not an AQA forecast and should not be used as a guaranteed future threshold.

Source: Calculated from [GB-2022]–[GB-2026]

Higher grade 3

Five-year values: 2022: 33, 2023: 42, 2024: 44, 2025: 46, 2026: 46

Minimum / maximum: 33 to 46 marks (range 13)

Median: $44/240 = 18.3\%$

Interpretation: This is a descriptive summary of 2022–2026 only. It is not an AQA forecast and should not be used as a guaranteed future threshold.

Source: Calculated from [GB-2022]–[GB-2026]

Part 4 - AQA Mathematics results statistics

AQA's results statistics report cumulative percentages for the total subject entry. "7+" means the proportion receiving grade 7 or above. These figures are not a Foundation-only or Higher-only pass rate.

June 2022 results profile

AQA entry: 182,992

Cumulative 9+: 4.3%

8+: 11.5%

7+: 19.1%

6+: 29.4%

5+: 45.9%

4+: 63.5%

3+: 78.2%

2+: 90.5%

1+: 97.6%

Source: [ST-2022] AQA GCSE results statistics

June 2023 results profile

AQA entry: 193,873

Cumulative 9+: 3.0%

8+: 9.4%

7+: 16.3%

6+: 25.8%

5+: 41.3%

4+: 58.0%

3+: 76.0%

2+: 89.4%

1+: 97.3%

Source: [ST-2023] AQA GCSE results statistics

June 2024 results profile

AQA entry: 200,688

Cumulative 9+: 3.0%

8+: 9.1%

7+: 15.7%

6+: 24.7%

5+: 39.9%

4+: 56.7%

3+: 76.1%

2+: 89.2%

1+: 97.1%

Source: [ST-2024] AQA GCSE results statistics

June 2025 results profile

AQA entry: 189,529

Cumulative 9+: 3.3%

8+: 9.9%

7+: 16.6%

6+: 25.8%

5+: 41.1%

4+: 57.6%

3+: 77.2%

2+: 90.0%

1+: 97.4%

Source: [ST-2025] AQA GCSE results statistics

June 2026 results profile

AQA entry: 182,547

Cumulative 9+: 3.5%

8+: 10.5%

7+: 17.4%

6+: 27.4%

5+: 41.7%

4+: 57.8%

3+: 75.4%

2+: 88.7%

1+: 96.9%

Source: [ST-2026] AQA GCSE results statistics

What changed over these five years?

The data show year-to-year movement in both boundaries and cumulative outcome percentages. A responsible interpretation is descriptive: the same grade can require different raw marks in different series, while the proportion achieving a grade can also change. The data do not, by themselves, identify why those changes occurred.

Part 5 - Worked grade-calculator examples

Foundation, June 2026

Calculation: Paper marks 54, 51 and 55 give 160/240. The 2026 Foundation boundaries are 187 for grade 5 and 154 for grade 4, so 160 is a grade 4 for that series.

Source: Relevant [GB-year] table above

Higher, June 2025

Calculation: Paper marks 57, 55 and 53 give 165/240. The 2025 Higher boundary is 164 for grade 7 and 191 for grade 8, so 165 is a grade 7 for that series.

Source: Relevant [GB-year] table above

Higher, June 2022

Calculation: Paper marks 40, 39 and 41 give 120/240. The 2022 grade 6 boundary is 121 and grade 5 is 86, so 120 is a grade 5 for that series.

Source: Relevant [GB-year] table above

Boundary sensitivity

Calculation: If the total is 163 in June 2025 Higher, it is one mark below the grade 7 boundary of 164. This is why targeting a historical boundary exactly is poor planning: a small marking or performance variation can change the outcome.

Source: Relevant [GB-year] table above

Target planning without pretending to predict

For revision planning, choose a target total that is comfortably above a historical reference rather than exactly equal to it. The +10 examples below are an independent planning convention, not an AQA recommendation.

Tier / grade	5-year median	Illustrative +10 target	Paper 1	Paper 2	Paper 3
Foundation 4	157	167	56	56	55
Foundation 5	187	197	66	66	65
Higher 4	61	71	24	24	23
Higher 5	95	105	35	35	35
Higher 6	129	139	47	46	46
Higher 7	163	173	58	58	57
Higher 8	191	201	67	67	67
Higher 9	219	229	77	76	76

Student calculator worksheet

Attempt 1

Tier / series: _____

Paper 1 /80: _____

Paper 2 /80: _____

Paper 3 /80: _____

Total /240: _____

Historic comparison grade: _____

Marks to next boundary: _____

Two priority topics before retest: 1. _____ 2. _____

Source: Use only the matching series/tier table in this handbook.

Attempt 2

Tier / series: _____

Paper 1 /80: _____

Paper 2 /80: _____

Paper 3 /80: _____

Total /240: _____

Historic comparison grade: _____

Marks to next boundary: _____

Two priority topics before retest: 1. _____ 2. _____

Source: Use only the matching series/tier table in this handbook.

Attempt 3

Tier / series: _____

Paper 1 /80: _____

Paper 2 /80: _____

Paper 3 /80: _____

Total /240: _____

Historic comparison grade: _____

Marks to next boundary: _____

Two priority topics before retest: 1. _____ 2. _____

Source: Use only the matching series/tier table in this handbook.

References and direct source register

[GB-2022] AQA GCSE Grade Boundaries, June 2022. https://filestore.aqa.org.uk/over/stat_pdf/AQA-GCSE-GDE-BDY-JUN-2022.PDF

[GB-2023] AQA GCSE Grade Boundaries, June 2023. https://filestore.aqa.org.uk/over/stat_pdf/AQA-GCSE-GDE-BDY-JUN-2023.PDF

[GB-2024] AQA GCSE Grade Boundaries, June 2024. https://filestore.aqa.org.uk/over/stat_pdf/AQA-GCSE-GDE-BDY-JUN-2024.PDF

[GB-2025] AQA GCSE Grade Boundaries, June 2025. https://filestore.aqa.org.uk/over/stat_pdf/AQA-GCSE-GDE-BDY-JUN-2025.PDF

[GB-2026] AQA GCSE Grade Boundaries, June 2026. https://filestore.aqa.org.uk/over/stat_pdf/AQA-GCSE-GDE-BDY-JUN-2026.PDF

[ST-2022] AQA GCSE Results Statistics, June 2022. https://filestore.aqa.org.uk/over/stat_pdf/AQA-GCSE-STATS-JUN-2022.PDF

[ST-2023] AQA GCSE Results Statistics, June 2023. https://filestore.aqa.org.uk/over/stat_pdf/AQA-GCSE-STATS-JUN-2023.PDF

[ST-2024] AQA GCSE Results Statistics, June 2024. https://filestore.aqa.org.uk/over/stat_pdf/AQA-GCSE-STATS-JUN-2024.PDF

[ST-2025] AQA GCSE Results Statistics, June 2025. https://filestore.aqa.org.uk/over/stat_pdf/AQA-GCSE-STATS-JUN-2025.PDF

[ST-2026] AQA GCSE Results Statistics, June 2026. https://filestore.aqa.org.uk/over/stat_pdf/AQA-GCSE-STATS-JUN-2026.PDF

References and source register

[GB] AQA Grade boundaries. <https://www.aqa.org.uk/exams-administration/results-days/grade-boundaries>

[STATS] AQA Results statistics. <https://www.aqa.org.uk/exams-administration/results-days/results-statistics>

[ASSESS] AQA GCSE Mathematics (8300), Scheme of assessment / specification at a glance.

<https://www.aqa.org.uk/subjects/mathematics/gcse/mathematics-8300/specification/scheme-of-assessment>

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<https://www.aqa.org.uk/subjects/mathematics/gcse/mathematics-8300/assessment-resources>

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