Pearson Edexcel GCSE Maths — Revise next after Paper 1

You have finished Paper 1 (non-calculator). This list shows Pearson Edexcel topics that did not appear on that paper, so you can plan your revision for Paper 2 and Paper 3 (calculator).

June 2026 series · Updated 25 September 2026

Please read: This is practice material from The Maths Vault, not an official Pearson Edexcel document. Past-paper patterns are a guide only — they do not tell you what will definitely be on your next exam. Always follow advice from your teacher.

Higher tier

Pearson Edexcel GCSE Mathematics (1MA1) Higher Paper 1H (non-calculator)

These 103 topics did not come up on your June 2026 Paper 1H (Pictures per). They are grouped by area of maths, with the ones that have appeared most often on Papers 2 and 3 in past years listed first — a useful guide for what to revise next.

How to read the table: the Paper 2 and Paper 3 columns count how often similar questions have appeared on Pearson Edexcel calculator papers in previous years.

Topic	Paper 2 past papers	Paper 3 past papers	Revision focus
Algebra			
Linear graphs (Higher)	29 times since 2022; 81 in all past papers	21 times since 2022; 69 in all past papers	Worth prioritising
Real-life linear graphs (Higher)	29 times since 2022; 81 in all past papers	21 times since 2022; 69 in all past papers	Worth prioritising
Conversion graphs	27 times since 2022; 76 in all past papers	20 times since 2022; 66 in all past papers	Worth prioritising
Algebraic fractions	17 times since 2022; 49 in all past papers	27 times since 2022; 61 in all past papers	Worth prioritising
Equations (solving)	20 times since 2022; 52 in all past papers	18 times since 2022; 53 in all past papers	Worth prioritising
Quadratic formula	18 times since 2022; 45 in all past papers	18 times since 2022; 59 in all past papers	Worth prioritising
nth term of a quadratic sequence	16 times since 2022; 50 in all past papers	19 times since 2022; 55 in all past papers	Worth prioritising
Graphical simultaneous equations	19 times since 2022; 49 in all past papers	15 times since 2022; 45 in all past papers	Worth prioritising
Non-linear simultaneous equations	19 times since 2022; 49 in all past papers	15 times since 2022; 45 in all past papers	Worth prioritising
Simultaneous equations	19 times since 2022; 49 in all past papers	15 times since 2022; 45 in all past papers	Worth prioritising
Midpoint of a line	18 times since 2022; 54 in all past papers	15 times since 2022; 42 in all past papers	Worth prioritising

Topic	Paper 2 past papers	Paper 3 past papers	Revision focus
Linear inequalities (solving)	19 times since 2022; 43 in all past papers	14 times since 2022; 41 in all past papers	Worth prioritising
Factorising	13 times since 2022; 31 in all past papers	10 times since 2022; 30 in all past papers	Keep in your revision plan
Parallel and perpendicular lines	9 times since 2022; 31 in all past papers	10 times since 2022; 29 in all past papers	Keep in your revision plan
Expanding brackets	6 times since 2022; 12 in all past papers	10 times since 2022; 19 in all past papers	Keep in your revision plan
Geometric progressions / geometric sequences	5 times since 2022; 23 in all past papers	5 times since 2022; 16 in all past papers	Keep in your revision plan
Distance between two points	3 times since 2022; 14 in all past papers	5 times since 2022; 9 in all past papers	Revise when you can
Substitution	2 times since 2022; 6 in all past papers	3 times since 2022; 6 in all past papers	Revise when you can
Changing the subject	1 time since 2022; 2 in all past papers	3 times since 2022; 8 in all past papers	Revise when you can
Collecting like terms	1 time since 2022; 2 in all past papers	3 times since 2022; 4 in all past papers	Revise when you can
Geometry and measure			
Triangles: area (½ ab sin C)	55 times since 2022; 142 in all past papers	60 times since 2022; 157 in all past papers	Worth prioritising
Area of a circle	28 times since 2022; 77 in all past papers	34 times since 2022; 88 in all past papers	Worth prioritising
Metric units (area and volume)	28 times since 2022; 74 in all past papers	31 times since 2022; 85 in all past papers	Worth prioritising
Travel graphs	27 times since 2022; 76 in all past papers	20 times since 2022; 66 in all past papers	Worth prioritising
Area of a sector	22 times since 2022; 53 in all past papers	25 times since 2022; 68 in all past papers	Worth prioritising
Sphere and cone volume and surface area	22 times since 2022; 53 in all past papers	25 times since 2022; 68 in all past papers	Worth prioritising
3D trigonometry and Pythagoras	20 times since 2022; 52 in all past papers	19 times since 2022; 53 in all past papers	Worth prioritising
Angles in parallel lines	11 times since 2022; 40 in all past papers	18 times since 2022; 43 in all past papers	Worth prioritising
Volume of a cylinder	9 times since 2022; 21 in all past papers	13 times since 2022; 32 in all past papers	Keep in your revision plan
Volume of a frustum	9 times since 2022; 21 in all past papers	13 times since 2022; 32 in all past papers	Keep in your revision plan
Speed, distance, time	9 times since 2022; 28 in all past papers	9 times since 2022; 30 in all past papers	Keep in your revision plan
Cosine rule	11 times since 2022; 23 in all past papers	7 times since 2022; 26 in all past papers	Keep in your revision plan
Sine rule	11 times since 2022; 23 in all past papers	7 times since 2022; 26 in all past papers	Keep in your revision plan
Angles in polygons	5 times since 2022; 15 in all past papers	11 times since 2022; 26 in all past papers	Keep in your revision plan

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Topic	Paper 2 past papers	Paper 3 past papers	Revision focus
Exact trigonometric values	7 times since 2022; 21 in all past papers	5 times since 2022; 14 in all past papers	Keep in your revision plan
Density	2 times since 2022; 16 in all past papers	7 times since 2022; 15 in all past papers	Keep in your revision plan
Loci	6 times since 2022; 15 in all past papers	2 times since 2022; 12 in all past papers	Keep in your revision plan
Congruent triangles	3 times since 2022; 7 in all past papers	7 times since 2022; 11 in all past papers	Keep in your revision plan
Invariant points	5 times since 2022; 11 in all past papers	3 times since 2022; 9 in all past papers	Revise when you can
Pressure	1 time since 2022; 7 in all past papers	4 times since 2022; 7 in all past papers	Revise when you can
Column vectors	2 times since 2022; 5 in all past papers	4 times since 2022	Revise when you can
Enlargements (Negative and Fractional)	2 times since 2022; 5 in all past papers	4 times since 2022	Revise when you can
Vectors	2 times since 2022; 5 in all past papers	4 times since 2022	Revise when you can
Arc length	5 in all past papers	2 times since 2022; 7 in all past papers	Revise when you can
Circumference	2 times since 2022; 5 in all past papers	1 time since 2022; 3 in all past papers	Revise when you can
Bearings	1 time since 2022	Not seen often	Revise when you can
Constructions	Not seen often	Not seen often	Less common on Papers 2–3
Enlargements	Not seen often	Not seen often	Less common on Papers 2–3
Enlargements (positive)	Not seen often	Not seen often	Less common on Papers 2–3
Reflections	Not seen often	Not seen often	Less common on Papers 2–3
Rotations	Not seen often	Not seen often	Less common on Papers 2–3
Translations	Not seen often	Not seen often	Less common on Papers 2–3
Graphs and functions			
Transformations of graphs	38 times since 2022; 105 in all past papers	32 times since 2022; 94 in all past papers	Worth prioritising
Cubic graphs	31 times since 2022; 84 in all past papers	26 times since 2022; 78 in all past papers	Worth prioritising
Reciprocal graphs	28 times since 2022; 77 in all past papers	20 times since 2022; 67 in all past papers	Worth prioritising
Exponential graphs	27 times since 2022; 76 in all past papers	20 times since 2022; 66 in all past papers	Worth prioritising
Equation of a circle	25 times since 2022; 71 in all past papers	23 times since 2022; 63 in all past papers	Worth prioritising

PREDICTED 2026 P2/3

Topic	Paper 2 past papers	Paper 3 past papers	Revision focus
Area under a curve	22 times since 2022; 53 in all past papers	25 times since 2022; 68 in all past papers	Worth prioritising
Equation of a tangent	19 times since 2022; 49 in all past papers	15 times since 2022; 45 in all past papers	Worth prioritising
Solving quadratics graphically	15 times since 2022; 37 in all past papers	14 times since 2022; 37 in all past papers	Worth prioritising
Sketching quadratics	8 times since 2022; 21 in all past papers	9 times since 2022; 30 in all past papers	Keep in your revision plan
Inverse functions	7 times since 2022; 12 in all past papers	9 times since 2022; 27 in all past papers	Keep in your revision plan
Average rates of change	4 times since 2022; 14 in all past papers	5 times since 2022; 18 in all past papers	Keep in your revision plan
Composite functions	4 times since 2022; 9 in all past papers	7 times since 2022; 16 in all past papers	Keep in your revision plan
Instantaneous rates of change	4 times since 2022; 10 in all past papers	2 times since 2022; 5 in all past papers	Revise when you can
Number			
Standard form	24 times since 2022; 57 in all past papers	27 times since 2022; 76 in all past papers	Worth prioritising
Proportional graphs	27 times since 2022; 76 in all past papers	20 times since 2022; 66 in all past papers	Worth prioritising
Adding fractions	13 times since 2022; 40 in all past papers	22 times since 2022; 47 in all past papers	Worth prioritising
Compound interest	13 times since 2022; 46 in all past papers	20 times since 2022; 46 in all past papers	Worth prioritising
Dividing fractions	11 times since 2022; 36 in all past papers	18 times since 2022; 43 in all past papers	Worth prioritising
Multiplying fractions	11 times since 2022; 36 in all past papers	18 times since 2022; 43 in all past papers	Worth prioritising
Reverse percentages	9 times since 2022; 35 in all past papers	14 times since 2022; 37 in all past papers	Keep in your revision plan
Product rule for counting	13 times since 2022; 29 in all past papers	10 times since 2022; 31 in all past papers	Keep in your revision plan
Simple interest	8 times since 2022; 27 in all past papers	9 times since 2022; 24 in all past papers	Keep in your revision plan
Indices (integer)	8 times since 2022; 17 in all past papers	6 times since 2022; 12 in all past papers	Keep in your revision plan
Use of a calculator	6 times since 2022; 16 in all past papers	5 times since 2022; 17 in all past papers	Keep in your revision plan
Error intervals	6 times since 2022; 16 in all past papers	5 times since 2022; 14 in all past papers	Keep in your revision plan
Limits of accuracy	4 times since 2022; 8 in all past papers	4 times since 2022; 11 in all past papers	Revise when you can
Direct proportion	3 times since 2022; 4 in all past papers	3 times since 2022; 15 in all past papers	Revise when you can
Proportion (applications)	3 times since 2022; 4 in all past papers	3 times since 2022; 15 in all past papers	Revise when you can

PREDICTED GCSE 2026

Topic	Paper 2 past papers	Paper 3 past papers	Revision focus
LCM and HCF	2 times since 2022; 6 in all past papers	3 times since 2022; 5 in all past papers	Revise when you can
Product of prime factors	2 times since 2022; 6 in all past papers	3 times since 2022; 5 in all past papers	Revise when you can
Reciprocal	3 times since 2022; 7 in all past papers	1 time since 2022; 5 in all past papers	Revise when you can
Best buys	Not seen often	Not seen often	Less common on Papers 2–3
Currency	Not seen often	Not seen often	Less common on Papers 2–3
Estimation	Not seen often	Not seen often	Less common on Papers 2–3
Statistics and probability			
Frequency polygons	10 times since 2022; 23 in all past papers	11 times since 2022; 33 in all past papers	Keep in your revision plan
Median from frequency tables	8 times since 2022; 20 in all past papers	9 times since 2022; 27 in all past papers	Keep in your revision plan
Cumulative frequency	8 times since 2022; 19 in all past papers	9 times since 2022; 27 in all past papers	Keep in your revision plan
Frequency trees	8 times since 2022; 19 in all past papers	9 times since 2022; 27 in all past papers	Keep in your revision plan
Relative frequency	8 times since 2022; 19 in all past papers	9 times since 2022; 27 in all past papers	Keep in your revision plan
Stem-and-leaf diagrams	8 times since 2022; 24 in all past papers	8 times since 2022; 22 in all past papers	Keep in your revision plan
Box plots	10 times since 2022; 22 in all past papers	7 times since 2022; 13 in all past papers	Keep in your revision plan
Tree diagrams	8 times since 2022; 21 in all past papers	7 times since 2022; 20 in all past papers	Keep in your revision plan
Venn diagrams	8 times since 2022; 21 in all past papers	7 times since 2022; 20 in all past papers	Keep in your revision plan
Conditional probability	6 times since 2022; 17 in all past papers	7 times since 2022; 18 in all past papers	Keep in your revision plan
Capture–recapture	5 times since 2022; 11 in all past papers	3 times since 2022; 6 in all past papers	Revise when you can
Modal class from tables	2 times since 2022; 6 in all past papers	1 time since 2022; 4 in all past papers	Revise when you can
Pie charts	1 time since 2022; 4 in all past papers	1 time since 2022; 7 in all past papers	Revise when you can
Combined mean	Not seen often	Not seen often	Less common on Papers 2–3
Estimated mean	Not seen often	Not seen often	Less common on Papers 2–3
Quartiles	Not seen often	Not seen often	Less common on Papers 2–3

PREDICTED 2023

Topic	Paper 2 past papers	Paper 3 past papers	Revision focus
Samples	Not seen often	Not seen often	Less common on Papers 2–3

Topics that were on Paper 1H (29)

- Algebraic proof
- Area of a trapezium
- Circle theorems
- Completing the square
- Decimals
- Factorising quadratics
- Fractional and negative indices (Higher)
- Geometric proof
- Histograms
- Interpreting inequalities (regions)
- Inverse proportion
- Iteration
- Percentage change
- Percentages of amounts
- Probability
- Pythagoras
- Quadratic graphs
- Quadratic inequalities
- Ratio
- Recurring decimals to fractions
- Scatter graphs
- Similar shapes
- Surds
- Surface area of prisms
- Trigonometry (right-angled)
- Trigonometry, Reciprocal and Exponential Graphs
- Two-way tables
- Volume of a cuboid and prism
- nth term of a linear sequence

