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.

Foundation tier

Pearson Edexcel GCSE Mathematics (1MA1) Foundation Paper 1F (non-calculator)

These 104 topics did not come up on your June 2026 Paper 1F (Foundation tier). 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			
Parallel lines (Foundation graphs)	28 times since 2022; 71 in all past papers	29 times since 2022; 70 in all past papers	Worth prioritising
Real-life graphs (Foundation)	26 times since 2022; 65 in all past papers	26 times since 2022; 60 in all past papers	Worth prioritising
Gradients of linear graphs	21 times since 2022; 63 in all past papers	28 times since 2022; 67 in all past papers	Worth prioritising
Multiplying and dividing terms	24 times since 2022; 60 in all past papers	20 times since 2022; 58 in all past papers	Worth prioritising
Conversion graphs	18 times since 2022; 54 in all past papers	24 times since 2022; 53 in all past papers	Worth prioritising
Equations (solving)	18 times since 2022; 45 in all past papers	13 times since 2022; 48 in all past papers	Worth prioritising
Forming equations	16 times since 2022; 39 in all past papers	13 times since 2022; 47 in all past papers	Keep in your revision plan
Simultaneous equations	16 times since 2022; 39 in all past papers	13 times since 2022; 47 in all past papers	Keep in your revision plan
Writing expressions	14 times since 2022; 41 in all past papers	16 times since 2022; 34 in all past papers	Keep in your revision plan
Linear inequalities (solving)	14 times since 2022; 34 in all past papers	8 times since 2022; 35 in all past papers	Keep in your revision plan

Topic	Paper 2 past papers	Paper 3 past papers	Revision focus
Collecting like terms	6 times since 2022; 17 in all past papers	8 times since 2022; 16 in all past papers	Keep in your revision plan
Changing the subject	4 times since 2022; 6 in all past papers	5 times since 2022; 11 in all past papers	Revise when you can
Geometric progressions / geometric sequences	3 times since 2022; 9 in all past papers	4 times since 2022; 14 in all past papers	Revise when you can
Expanding brackets	2 times since 2022; 7 in all past papers	5 times since 2022; 12 in all past papers	Revise when you can
Function machines	4 times since 2022; 13 in all past papers	3 times since 2022; 5 in all past papers	Revise when you can
Geometry and measure			
Line symmetry	29 times since 2022; 70 in all past papers	22 times since 2022; 62 in all past papers	Worth prioritising
Travel graphs	18 times since 2022; 54 in all past papers	24 times since 2022; 53 in all past papers	Worth prioritising
Angles in parallel lines	21 times since 2022; 50 in all past papers	17 times since 2022; 43 in all past papers	Worth prioritising
Sphere and cone volume and surface area	11 times since 2022; 41 in all past papers	23 times since 2022; 51 in all past papers	Worth prioritising
Time calculations	9 times since 2022; 32 in all past papers	28 times since 2022; 51 in all past papers	Worth prioritising
Angles in polygons	18 times since 2022; 43 in all past papers	15 times since 2022; 40 in all past papers	Worth prioritising
Angle facts	18 times since 2022; 41 in all past papers	14 times since 2022; 37 in all past papers	Worth prioritising
Angles in a quadrilateral	18 times since 2022; 41 in all past papers	14 times since 2022; 37 in all past papers	Worth prioritising
Angles in a triangle	18 times since 2022; 41 in all past papers	14 times since 2022; 37 in all past papers	Worth prioritising
Types of angle	18 times since 2022; 41 in all past papers	14 times since 2022; 37 in all past papers	Worth prioritising
Similar shapes	12 times since 2022; 28 in all past papers	16 times since 2022; 51 in all past papers	Keep in your revision plan
Area of a circle	7 times since 2022; 26 in all past papers	18 times since 2022; 42 in all past papers	Keep in your revision plan
Area of a sector	7 times since 2022; 26 in all past papers	18 times since 2022; 42 in all past papers	Keep in your revision plan
Volume of a cylinder	8 times since 2022; 25 in all past papers	13 times since 2022; 25 in all past papers	Keep in your revision plan
Distance charts	4 times since 2022; 15 in all past papers	13 times since 2022; 26 in all past papers	Keep in your revision plan
Volume of a cuboid and prism	7 times since 2022; 22 in all past papers	10 times since 2022; 19 in all past papers	Keep in your revision plan
Pythagoras	4 times since 2022; 15 in all past papers	5 times since 2022; 9 in all past papers	Keep in your revision plan
Perimeter	2 times since 2022; 8 in all past papers	5 times since 2022; 12 in all past papers	Revise when you can

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Topic	Paper 2 past papers	Paper 3 past papers	Revision focus
Loci	4 times since 2022; 12 in all past papers	3 times since 2022; 7 in all past papers	Revise when you can
Enlargements (Negative and Fractional)	5 times since 2022; 10 in all past papers	3 times since 2022; 4 in all past papers	Revise when you can
Timetables	1 time since 2022; 4 in all past papers	5 times since 2022; 12 in all past papers	Revise when you can
Rotational symmetry	4 times since 2022; 6 in all past papers	2 times since 2022; 4 in all past papers	Revise when you can
Density	2 in all past papers	5 times since 2022; 8 in all past papers	Revise when you can
Pressure	2 in all past papers	5 times since 2022; 8 in all past papers	Revise when you can
Congruent triangles	2 times since 2022; 5 in all past papers	2 times since 2022; 6 in all past papers	Revise when you can
Views and elevations	1 time since 2022; 3 in all past papers	3 times since 2022; 6 in all past papers	Revise when you can
Bearings	1 time since 2022; 3 in all past papers	2 times since 2022; 4 in all past papers	Revise when you can
Trigonometry (right-angled)	2 times since 2022; 7 in all past papers	2 in all past papers	Revise when you can
Arc length	3 in all past papers	2 times since 2022; 4 in all past papers	Revise when you can
Circumference	3 in all past papers	2 times since 2022; 4 in all past papers	Revise when you can
Parts of the circle	3 in all past papers	2 times since 2022; 4 in all past papers	Revise when you can
Faces, edges, vertices	Not seen often	2 times since 2022; 5 in all past papers	Revise when you can
Nets	Not seen often	2 times since 2022; 5 in all past papers	Revise when you can
Vectors	3 in all past papers	1 time since 2022	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
Sensible estimates	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			

PREDICTED 2026 P2 P3

Topic	Paper 2 past papers	Paper 3 past papers	Revision focus
Quadratic graphs	21 times since 2022; 62 in all past papers	24 times since 2022; 58 in all past papers	Worth prioritising
Reciprocal graphs	21 times since 2022; 57 in all past papers	24 times since 2022; 56 in all past papers	Worth prioritising
Cubic graphs	18 times since 2022; 54 in all past papers	24 times since 2022; 53 in all past papers	Worth prioritising
Number			
Expressing as fraction or percentage	35 times since 2022; 87 in all past papers	28 times since 2022; 85 in all past papers	Worth prioritising
Dividing fractions	32 times since 2022; 78 in all past papers	31 times since 2022; 88 in all past papers	Worth prioritising
Multiplying fractions	32 times since 2022; 78 in all past papers	31 times since 2022; 88 in all past papers	Worth prioritising
Integer arithmetic (add / subtract / multiply / divide)	28 times since 2022; 70 in all past papers	28 times since 2022; 69 in all past papers	Worth prioritising
Standard form	17 times since 2022; 58 in all past papers	32 times since 2022; 60 in all past papers	Worth prioritising
Adding fractions	24 times since 2022; 61 in all past papers	23 times since 2022; 61 in all past papers	Worth prioritising
Prime numbers	19 times since 2022; 62 in all past papers	26 times since 2022; 62 in all past papers	Worth prioritising
Reverse percentages	21 times since 2022; 58 in all past papers	22 times since 2022; 64 in all past papers	Worth prioritising
Indices (integer)	21 times since 2022; 66 in all past papers	18 times since 2022; 59 in all past papers	Worth prioritising
Percentage change	21 times since 2022; 56 in all past papers	20 times since 2022; 53 in all past papers	Worth prioritising
Cube numbers and cube roots	17 times since 2022; 56 in all past papers	22 times since 2022; 58 in all past papers	Worth prioritising
Negative numbers	17 times since 2022; 43 in all past papers	22 times since 2022; 47 in all past papers	Worth prioritising
Ordering decimals	10 times since 2022; 39 in all past papers	25 times since 2022; 50 in all past papers	Worth prioritising
Compound interest	14 times since 2022; 33 in all past papers	18 times since 2022; 45 in all past papers	Worth prioritising
Place value	11 times since 2022; 35 in all past papers	16 times since 2022; 33 in all past papers	Keep in your revision plan
Negative indices	14 times since 2022; 46 in all past papers	9 times since 2022; 24 in all past papers	Keep in your revision plan
Laws of indices (Foundation bundle)	12 times since 2022; 40 in all past papers	6 times since 2022; 24 in all past papers	Keep in your revision plan
Multiples and factors	7 times since 2022; 29 in all past papers	7 times since 2022; 19 in all past papers	Keep in your revision plan
Product of prime factors	7 times since 2022; 29 in all past papers	7 times since 2022; 19 in all past papers	Keep in your revision plan
Simple interest	8 times since 2022; 20 in all past papers	5 times since 2022; 16 in all past papers	Keep in your revision plan

PREDICTED PAPER 2 2026

Topic	Paper 2 past papers	Paper 3 past papers	Revision focus
Use of a calculator	9 times since 2022; 20 in all past papers	4 times since 2022; 15 in all past papers	Keep in your revision plan
Error intervals	8 times since 2022; 16 in all past papers	3 times since 2022; 13 in all past papers	Keep in your revision plan
Rounding	2 times since 2022; 7 in all past papers	4 times since 2022; 9 in all past papers	Revise when you can
LCM and HCF	2 times since 2022; 6 in all past papers	4 times since 2022	Revise when you can
Reciprocals (Foundation)	3 times since 2022; 4 in all past papers	4 in all past papers	Revise when you can
Currency	Not seen often	Not seen often	Less common on Papers 2–3
Statistics and probability			
Line graphs	34 times since 2022; 97 in all past papers	36 times since 2022; 96 in all past papers	Worth prioritising
Frequency polygons	14 times since 2022; 31 in all past papers	12 times since 2022; 34 in all past papers	Keep in your revision plan
Listing outcomes	16 times since 2022; 36 in all past papers	8 times since 2022; 30 in all past papers	Keep in your revision plan
Median from frequency tables	9 times since 2022; 24 in all past papers	13 times since 2022; 37 in all past papers	Keep in your revision plan
Mode from frequency tables	9 times since 2022; 24 in all past papers	13 times since 2022; 37 in all past papers	Keep in your revision plan
Frequency trees	8 times since 2022; 20 in all past papers	8 times since 2022; 25 in all past papers	Keep in your revision plan
Relative frequency	8 times since 2022; 20 in all past papers	8 times since 2022; 25 in all past papers	Keep in your revision plan
Stem-and-leaf diagrams	8 times since 2022; 20 in all past papers	8 times since 2022; 25 in all past papers	Keep in your revision plan
Tree diagrams	5 times since 2022; 13 in all past papers	7 times since 2022; 19 in all past papers	Keep in your revision plan
Venn diagrams	5 times since 2022; 13 in all past papers	7 times since 2022; 19 in all past papers	Keep in your revision plan
Bar charts	4 times since 2022; 13 in all past papers	8 times since 2022; 18 in all past papers	Keep in your revision plan
Modal class from tables	4 times since 2022; 12 in all past papers	8 times since 2022; 19 in all past papers	Keep in your revision plan
Pie charts	4 times since 2022; 13 in all past papers	8 times since 2022; 18 in all past papers	Keep in your revision plan
Tally charts	4 times since 2022; 13 in all past papers	8 times since 2022; 18 in all past papers	Keep in your revision plan
Two-way tables	4 times since 2022; 12 in all past papers	8 times since 2022; 19 in all past papers	Keep in your revision plan
Pictograms	2 times since 2022; 6 in all past papers	3 times since 2022; 5 in all past papers	Revise when you can

PREDICTED PAPER 2023

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

Topics that were on Paper 1F (34)

- Area of a trapezium
- Area of rectangles and triangles
- Arithmetic with decimals
- Averages and range
- Best buys
- Coordinates
- Drawing linear graphs
- Estimation
- Exact trigonometric values
- Factorising
- Factorising quadratics
- Fractions of amounts
- Fractions, decimals and percentages (links)
- Inverse proportion
- Midpoint of a line
- Money problems
- Order of operations
- Percentages of amounts
- Probability
- Proportion (Foundation)
- Quadrilaterals (naming and properties)
- Ratio
- Reading tables
- Recipes (ratio)
- Scales and maps
- Scatter graphs
- Sequences (general notation)
- Speed, distance–time
- Square numbers and square roots
- Substitution
- Surface area (general)
- Units (length, mass, capacity)
- nth term of a linear sequence
- $y = mx + c$ (straight-line equation)

