

MATHEMATICS

Practice Questions & Exam Papers

Revision Calendar

You could use the skills calendar below to plan revision for your final exam. There are 24 'subskills' in the grid. You should aim to revise two subskills per week over a 12-week period.

You could put a tick (✓) in boxes in the weeks you plan to revise them; this way you will see that you have covered all topics. If you revise a topic but still do not feel confident, put a circle round the (✓) so that you know to revisit it later.

| Revision calendar | Week | | | | | | | | | | | |
|--|------|---|---|---|---|---|---|---|---|----|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| Algebraic skills | | | | | | | | | | | | |
| Expanding brackets and simplifying | | | | | | | | | | | | |
| Factorising and completing the square | | | | | | | | | | | | |
| Algebraic fractions | | | | | | | | | | | | |
| Find / interpret the equation of a straight line | | | | | | | | | | | | |
| Solve linear equations and inequations | | | | | | | | | | | | |
| Solve simultaneous equations | | | | | | | | | | | | |
| Change the subject of a formula | | | | | | | | | | | | |
| Quadratic function: graphs | | | | | | | | | | | | |
| Geometric skills | | | | | | | | | | | | |
| Arcs and sectors | | | | | | | | | | | | |
| Volume of standard and composite solids | | | | | | | | | | | | |
| Applying Pythagoras' theorem | | | | | | | | | | | | |
| Circles and polygons | | | | | | | | | | | | |
| Similarity | | | | | | | | | | | | |
| 2D and 3D vectors | | | | | | | | | | | | |
| Trigonometric skills | | | | | | | | | | | | |
| Graphs of trigonometric functions | | | | | | | | | | | | |
| Trig equations and identities | | | | | | | | | | | | |
| Area of a triangle using trigonometry | | | | | | | | | | | | |
| Sine and cosine rules | | | | | | | | | | | | |
| Using bearings with trigonometry | | | | | | | | | | | | |
| Statistical and Numerical skills | | | | | | | | | | | | |
| Surds and indices | | | | | | | | | | | | |
| Percentages | | | | | | | | | | | | |
| Fractions and mixed numbers | | | | | | | | | | | | |
| Standard deviation and inter-quartile range | | | | | | | | | | | | |
| Scattergraphs | | | | | | | | | | | | |