

Edexcel GCSE Higher Tier
Paper 1

- ★ Adding Fractions - Video 133
- ★ Multiplying Fractions - Video 142
- ★ Dividing Fractions - Video 134
- ★ Reciprocal - Video 145
- ★ Fractions - Videos 135 to 146
- Decimals - Video 90, 91, 92, 93, 94
- Use of a Calculator - Video 352
- Estimation - Video 215
- Best Buys - Video 210
- Currency - Video 214a
- Conversion Graphs - Video 151, 152
- LCM/HCF - Videos 218, 219
- ★ Product of Primes - Videos 223, 224
- Indices (and laws) - Videos 172, 174
- ★ Indices (fractional/negative) - Videos 173, 175
- ★ Standard Form - Videos 300, 301, 302, 303
- ★ Percentages of Amounts - Videos 234, 235, 238
- Percentage change - Video 233
- Simple Interest - Video 236a
- Compound Interest - Video 236
- Reverse Percentages - Video 240
- ★ Recurring Decimals to Fractions - Video 96
- ★ Ratio - Videos 270, 271, 271a, 271b, 271c
- ★ Direct Proportion - Video 254
- ★ Inverse Proportion - Video 255
- ★ Proportional Graphs - Video 255b
- ★ Proportion (application) - Video 255c
- Limits of Accuracy - Videos 183, 184
- ★ Surds - Videos 305, 306, 307, 308
- Product Rule for Counting - Video 383
- Error Intervals - Video 377, 280
- Negative Numbers - Videos 205-209
- ★ Collecting Like Terms - Video 9
- ★ Expanding Brackets - Videos 13, 14, 15
- Factorising - Video 117
- ★ Factorising Quadratics - Videos 118, 119, 120, 266
- ★ Algebraic Fractions - Videos 21, 22, 23, 24
- Sequences (nth term) - Videos 288, 289
- nth term (quadratics) - Video 388
- Substitution - Video 20
- ★ Equations - Videos 110, 113, 114, 115
- Changing the Subject - Videos 7, 8
- ★ Inequalities - Videos 177, 178, 179
- Inequalities (Regions) - Video 182
- Quadratic Inequalities - Video 378
- Linear Graphs - Videos 191, 186, 189, 194
- Midpoint of a Line - Video 198
- Distance between 2 points - Video 185
- Real-life Linear Graphs - Video 171a
- ★ Parallel or Perpendicular Lines - Videos 196, 197
- Simultaneous Equations - Video 295
- Non-linear Simultaneous Equations - Video 298

- Angles in Parallel Lines - Video 25, 39
- Bearings - Video 26, 27
- ★ Angles in Polygons - Video 32
- Constructions - Video 78, 72, 79, 80, 70
- Loci - Videos 75, 76, 77
- Views - Video 354
- ★ Area of a **Triangle** or Trapezium - Videos **49**, 48
- Circumference - Video 60
- Area of a Circle - Video 40
- Arc Length - Video 58
- ★ Area of a Sector - Video 48
- Volume of a Cylinder - Video 357
- ★ Pythagoras - Video 257, 259
- Trigonometry - Videos 329, 330, 331
- 3D Trig and Pythagoras - Videos 259, 332
- ★ Exact Trig Values - Video 341
- ★ Volume of a Prism - Videos **355**, 356
- Volume of Cone/Pyramid/Sphere - Videos 359-361
- Volume of a Frustum - Video 360a
- ★ Surface Area of a Prism - Videos 310-312
- Surface Area of Cone/Sphere - Videos 314, 313
- Metric Units (area/volume) - Videos 350, 351
- Time - Video 322
- Translations - Video 325
- Reflections - Video 272
- Rotations - Video 275
- Enlargements - Videos 104, 106, 107, 108
- Similar Shapes - Videos 292, 293a, 293b
- Circle Theorems - Videos 64, 65
- Sine Rule - Video 333
- Cosine Rule - Videos 335, 336
- ★ $1/2ab\sin C$ - Video 337
- ★ Vectors - Video 353
- Column Vectors - Video 353a
- ★ Travel Graphs - Video 171
- ★ Speed, Distance, Time - Video 299
- ★ Density - Video 384
- Pressure - Video 385
- Geometric Proof - Video 366
- Congruent Triangles - Video 67
- Invariant Points - Video 392
- Frequency Trees - Video 376
- Two-way Tables - Video 319
- Pie Charts - Videos 163, 164
- Scatter Graphs - Videos 165, 166
- Histograms - Video 157, 158, 159
- Frequency Polygons - Videos 155, 156
- Stem-and-leaf - Videos 169, 170
- ★ Cumulative Frequency - Videos 153, 154
- Box Plots - Video 149
- Quartiles - Video 57a
- ★ Estimated Mean - Video 55, 54
- ★ Combined Mean - Video 53a, 53
- Median (frequency table) - Videos 51, 52
- Modal class (frequency table) - Video 56a
- ★ Probability - Video 250, 249, 246
- Relative frequency - Video 248
- Samples, Populations - Videos 281a, 281b
- ★ Tree Diagrams - Video 252
- Conditional Probability - Video 247
- Capture Recapture - Video 391
- Venn Diagrams - Video 380
- Graphical Simultaneous Equations - Video 297
- Equation of a Circle - Video 12
- ★ Equation of a tangent - Video 372
- ★ Instantaneous rates of change - Video 390a
- ★ Average rates of change - Video 390b
- Area under a curve - Video 389
- Composite Functions - Video 370
- Inverse Functions - Video 369
- ★ Quadratic Graphs - Video 264
- Solving Quadratics Graphically - Videos 367c, 367d
- ★ Sketching Quadratics - Video 265
- Trigonometric Graphs - Videos 338, 339
- Cubic Graphs - Video 344
- Reciprocal Graphs - Video 346
- Exponential Graphs - Video 345
- Geometric Sequences - Video 375
- Algebraic Proof - Video 365
- ★ Quadratic Formula - Video 267
- ★ Completing the Square - Video 10, 371
- Transformations of Graphs - Video 323, 324
- Iteration - Video 373, 373a, 373b