

# How to Revise Week

Question-a-day and 20-minute Revision tasks

March and April 2025

Subject:  
Maths  
Foundation



MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY	NOTES:
24th March Write down the value of $32^{0?}$	25th March Solve $5x - 2 > 6 + 3x$	26th March $1\frac{3}{8} \times 2\frac{2}{5}$	27th March What is the value of $n$ ? $5^n \times 5^4 = 5^8$	28th March Al, Bob and Cath share some money in the ratio 1:3:5. If Bob received £75 how much did they share?	29th March $\frac{3}{5}$ of a number is 45. What is $\frac{1}{3}$ of the number?	30th March What is? $\frac{3}{25}$ of 50	
31st March A circle with a diameter of 10cm is split into quarters. Calculate the area of one quarter?	1st April Write $32 \times 10^6$ in standard form	2nd April What number is halfway between -4 and 11?	3rd April Work out: $\frac{2}{5} \times \frac{1}{3}$	4th April Share 200 in the ratio 3:2	5th April Work out (without a calculator) $125.2 \times 49$	6th April Simplify $4y + 2x - 3 + 3x + 8$	
7th April Work out 70% of 120	8th April Simplify $(2a^3)^3$	9th April Write $4.78 \times 10^{-3}$ as an ordinary number	10th April I buy a "thing" in a sale that has been reduced by 15%. The sale price is £102. What was the original price?	11th April Write $3.87 \times 10^{-4}$ as an ordinary number	12th April Mel got 32 out of 80 on her maths exam. Write this as a percentage	13th April Simplify $\frac{8m^2 \times m^5}{4m^3}$	
20 minute revision task  OnMaths Task	20 minute revision task  Corbett Maths Task	20 minute revision task  A5 Revision notes Task	20 minute revision task  Curriculum Map task	20 minute revision task  Revision Cards Task			

Subject: Maths

Exam Board:  
Higher - Edexcel  
Foundation - Eduqas

Mock exam Paper:  
Full set of GCSE papers  
Higher - 3 x 1hr 30mins  
Foundation - 2 x 2hrs 15mins

Topic to Revise:

Foundation:

[www.corbettmaths.com/contents](http://www.corbettmaths.com/contents)

GCSE Foundation Tier  
✓ Checklist 9-1

Geometry  
15%  
of  
exam

- Angle Facts - Video 35, 30, 34, 39
- Types of Angle - Video 38
- Angles in Parallel Lines - Video 25
- Angles in a Triangle - Video 37
- Angles in a Quadrilateral - Video 33
- Angles in Polygons - Video 32
- Bearings - Videos 26, 27
- Perimeter - Video 241
- Area of Rectangles/Triangles - Videos 45, 49
- Area of a Trapezium - Video 48
- Units - Videos 347, 349
- Line Symmetry - Video 316
- Rotational Symmetry - Video 317
- Constructions - Videos 72, 78, 83
- Loci - Videos 75, 76, 77
- Faces, Edges, Vertices - Videos 5, 3
- Views and Elevations - Video 354
- Surface Area - Video 310
- Speed, Distance, Time - Video 299
- Density - Video 384
- Pressure - Video 385
- Timetables - Video 320
- Distance Charts - Video 318
- Volume of a Cuboid - Video 355
- Volume of a Prism - Video 356
- Translations - Video 325, 326
- Reflections - Videos 272, 273
- Rotations - Video 275
- Enlargements - Videos 104, 105, 107
- Parts of the Circle - Video 61
- Circumference - Video 60
- Area of a Circle - Video 59
- Volume of a Cylinder - Video 357
- Pythagoras - Video 257
- Trigonometry - Videos 329, 330, 331
- Exact Trig Values - Video 341
- Arc Length - Video 58
- Area of a Sector - Video 46
- Similar Shapes (sides) - Video 292
- Congruent Shapes - Video 67

50%  
of exam

- Multiplication - Video 199, 200
- Division - Video 98
- Addition - Video 6
- Subtraction - Video 304
- Rounding - Video 276, 277a, 277b, 278
- Estimation - Video 215
- BODMAS - Video 211
- Ordering Decimals - Video 95
- Arithmetic with Decimals - Videos 90, 91, 92, 93, 94
- Multiples and Factors - Videos 220, 216
- Prime Numbers - Video 225
- Square Numbers and Square Roots - Videos 226, 228
- Cube Numbers and Cube Roots - Videos 212, 214
- Product of Primes - Video 223
- LCM/HCF - Videos 218, 219, 224
- Indices - Videos 172, 174
- Negative Indices - Video 175
- Standard Form - Video 300, 302, 303
- Fractions of Amounts - Video 137
- Adding Fractions - Video 133
- Multiplying Fractions - Video 142
- Dividing Fractions - Video 134
- Fractions, Decimals, Percentages - Videos 121 to 129
- Percentages of Amounts - Videos 234, 235
- Compound Interest - Video 236
- Reverse Percentages - Video 240
- Ratio - Videos 269, 270, 271
- Currency - Video 214a
- Recipes - Video 256

Number  
ratio & proportion



- Volume of a Sphere/Cone - Videos 359, 361
- Surface area of Sphere/Cone - Videos 313, 314
- Vectors - 353a

Stats  
15%  
of  
exam

- Frequency Trees - Video 376
- Two-way Tables - Video 319
- Pictograms - Videos 161, 162
- Bar Charts - Videos 147, 148
- Frequency Polygons - Videos 155, 156
- Line Graphs - Video 160
- Pie Charts - Video 163, 164
- Probability - Videos 245, 246, 248
- Listing Outcomes - Video 253
- Scatter Graphs - Videos 165 to 168
- Stem and Leaf - Videos 169, 170
- Mode - Video 56
- Median - Video 50
- Mean - Video 53
- Range - Video 57
- Estimated Mean - Video 55
- Venn Diagrams - Video 380
- Tree Diagrams - Video 252

20%  
of  
exam

Algebra

- Coordinates - Video 84
- Writing Expressions - Video 16
- Collecting Like Terms - Video 9
- Multiplying Terms - Video 18
- Sequences - Videos 286, 287, 290
- The nth Term - Video 288
- Expanding Brackets - Videos 13, 14
- Factorising - Video 117
- Factorising Quadratics - Videos 118, 120
- Solving Equations - Video 110, 113
- Forming Equations - Videos 114, 115
- Inequalities - Videos 177, 178, 179
- Conversion Graphs - Video 151
- Drawing Linear Graphs - Video 186
- $y = mx + c$  - Video 191
- Parallel graphs - Video 196
- Substitution - Video 20
- Changing the Subject - Video 7
- Simultaneous Equations - Video 295
- Quadratic Graphs - Video 264
- Cubic Graphs - Video 344
- Reciprocal Graphs - Video 346

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Subject:  
Maths  
Higher



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<p>24th March Rationalise the denominator</p> $\frac{12}{\sqrt{3}}$	<p>25th March Find the lowest common multiple (LCM) of 40 and 56</p>	<p>26th March Solve the equations: <math>4x + y = 10</math> <math>x - 5y = 13</math></p>	<p>27th March Solve: <math>4(x - 1) = 2(3x + 4)</math></p>	<p>28th March What is the reciprocal of 0.375?</p>	<p>29th March By rounding estimate the answer to the below: <math display="block">\frac{19.7 + 4.6}{0.26^2}</math></p>	<p>30th March <math>y</math> is proportional to <math>x^2</math>. When <math>x = 5</math>, <math>y = 100</math> Work out the value of <math>y</math> when <math>x = 3</math></p>	
<p>31st March Write down the value of <math>3^{-2}</math></p>	<p>1st April Find the midpoint of the line AB where: A = (-2, -4) and B = (3, 3)</p>	<p>2nd April <math>3 \times 3</math> can be written as <math>3^k</math> Find the value of <math>k</math></p>	<p>3rd April Find an expression, for the <math>n</math>th term of this quadratic sequence: 1 3 7 13 21</p>	<p>4th April Work out: <math display="block">6\sqrt[3]{2}</math></p>	<p>5th April What is the gradient and y-intercept of the line <math>y - 3x + 4 = 0</math>?</p>	<p>6th April Write the recurring decimal as a fraction in its simplest form <math>0.6\bar{2}4</math></p>	
<p>7th April Find 0.25% of 80.</p>	<p>8th April Prove algebraically that the difference between the squares of any two consecutive odd numbers is always a multiple of 8</p>	<p>9th April Make <math>t</math> the subject of: <math display="block">y = \frac{t}{3} + 4a</math></p>	<p>10th April Calculate: <math display="block">2\frac{2}{3} - 1\frac{1}{5}</math></p>	<p>11th April Expand: <math>(x + 4)(x + 2)(x + 1)</math></p>	<p>12th April There are 15 children at a birthday party. The mean age of the 15 children is 7 years. 9 of the 15 children are boys. The mean age of the boys is 5 years. Work out the mean age of the girls.</p>	<p>13th April <math>a : b = 8 : 3</math> and <math>b : c = 5 : 4</math> find the ratio <math>a : b : c</math></p>	
<p>20 minute revision task  OnMaths Task</p>	<p>20 minute revision task  Corbett Maths Task</p>	<p>20 minute revision task  A5 Revision notes Task</p>	<p>20 minute revision task  Curriculum Map Task</p>	<p>20 minute revision task  Revision Cards Task</p>			

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**GCSE Higher Tier Checklist 9-1**



**Number, ratio, proportion and rates of change 75% of exam**

- Adding Fractions - Video 133
- Multiplying Fractions - Video 142
- Dividing Fractions - Video 134
- Estimation - Video 215
- Best Buys - Video 210
- Currency - Video 214a
- Conversion Graphs - Video 151, 152
- Product of Primes - Videos 223, 224
- Indices - Videos 172, 174
- Indices (fractional/negative) - Videos 173, 175
- Standard Form - Videos 300, 301, 302, 303
- Percentages of Amounts - Videos 234, 235
- Percentage change - Video 233
- Compound Interest - Video 236
- Reverse Percentages - Video 240
- Recurring Decimals to Fractions - Video 96
- Ratio - Videos 270, 271
- Direct Proportion - Video 254
- Inverse Proportion - Video 255
- Limits of Accuracy - Videos 183, 184
- Surds - Videos 305, 306, 307, 308
- Product Rule for Counting - Video 383
- Error Intervals - Video 377

**Algebra**

- Collecting Like Terms - Video 9
- Expanding a Bracket - Video 13
- Expanding 2/3 Brackets - Videos 14, 15
- Factorising - Video 117
- Factorising Quadratics - Videos 118, 119, 120
- 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
- Parallel or Perpendicular Lines - Videos 196, 197
- Simultaneous Equations - Video 295/298

**Geometry 20% of exam**

- 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
- Area of a Trapezium - Video 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 - Video 356
- Volume of Cone/Pyramid/Sphere - Videos 359-361
- Surface Area of a Prism - Video 311
- Surface Area of Cone/Sphere - Videos 314, 313
- 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
- 1/2abSinC - Video 337
- Vectors - Video 353
- Travel Graphs - Video 171
- Speed, Distance, Time - Video 299
- Density - Video 384
- Pressure - Video 385
- Geometric Proof - Video 366

**Stats 15% of exam**

- 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
- Estimated Mean - Video 55
- Tree Diagrams - Video 252
- Conditional Probability - Video 247
- Capture Recapture - Video 391
- Venn Diagrams - Video 380

**Harder Algebra**

- Equation of a Circle - Video 12
- Equation of a tangent - Video 372
- Instantaneous rates of change - Video 309a
- Average rates of change - Video 309b
- Area under a curve - Video 389
- Composite Functions - Video 370
- Inverse Functions - Video 369
- Quadratic Graphs - Video 264
- Trigonometric Graphs - Videos 338, 339
- Reciprocal Graphs - Video 346
- Exponential Graphs - Video 345
- Algebraic Proof - Video 365
- Quadratic Formula - Video 267
- Completing the Square - Video 10, 371
- Transformations of Graphs - Video 323
- Iteration - Video 373

**30% of exam is Algebra**

**Rates of change**

- Equation of a Circle - Video 12
- Equation of a tangent - Video 372
- Instantaneous rates of change - Video 309a
- Average rates of change - Video 309b