



# Foundation Mathematics Revision Programme 2019

Week start	Key Topics for Revision	Hegartymaths clip numbers
17.02.20	Fractions: Equivalent fractions. Add, subtract, multiply & divide. Find a fraction of a quantity. Change a fraction to a decimal	57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80
24.02.20	Algebra: Collect like terms. Expand brackets. Factorise an expression. Solve linear equations. Substitution. Solve quadratic equations. Formulae. Changing the subject. Simultaneous equations.	156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 168, 169, 170, 171, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 188, 190, 191, 195, 280, 281, 282, 283, 284, 221, 222, 223, 224, 225, 226, 227, 228, 230, 231, 232, 233
02.03.20	Pythagoras Theorem. Trigonometry	497, 498, 499, 500, 501, 502, 503, 504, 508, 509, 510, 511, 512
09.03.20	Ratio: Find equivalent ratios. Divide an amount using a ratio. Write a ratio as a fraction, Direct & inverse proportion	328, 329, 330, 331, 332, 333, 334, 339, 342
16.03.20	Percentage: Use a decimal multiplier to find a percentage and increase or decrease by a percentage. Find an amount as a percentage of another amount. Change percentages to fractions or decimals.	82, 83, 84, 85, 86, 87, 88, 89, 90, 93, 96, 97, 98
23.03.20	Graphs: Co-ordinates. Linear, quadratic, cubic, reciprocal. Plotting. Gradients & intercepts. Rates of change. Roots intercepts & turning points. Graphs to solve equations	199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 251, 252, 253, 257, 218, 219
30.03.20	Measures: converting between units. Speed including travel graphs. Density. Pressure Numbers: prime, square, cube, roots, factors, multiples, LCM, HCF, prime factorisation, sequences	27, 28, 29, 30, 31, 32, 33, 34, 35, 36 99, 100, 101, 196, 197, 198
06.04.20	Statistics: mean, median, mode & range. Bar charts, pies charts, time series graphs, histograms, scatter graphs.	404, 405, 406, 407, 408, 409, 410, 413, 414, 415, 416, 417, 418, 419, 420, 421, 425, 427, 428, 429, 442, 443, 450, 451, 453, 454
13.04.20	Similarity. Congruence. Constructions. Angle Rules. Bearings. Scale drawings	477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 560, 561, 562, 563, 564, 608, 609, 610, 611, 660, 661, 662, 663, 664, 666
20.04.20	Inequalities. Limits of accuracy. Laws of Indices. Standard form.	137, 265, 266, 267, 268, 269, 270, 101, 105, 106, 121, 122, 123, 128
27.04.20	Area: find the area of rectangles, triangles, parallelograms, trapeziums, circles, including sectors and compound shapes Volume & surface area: prisms, cones, pyramids, spheres	553, 554, 555, 556, 557, 558, 559, 539, 540, 541, 542, 543, 546, 567, 568, 569, 570, 571, 572, 573, 576, 577, 580, 581, 584, 585, 586, 587, 588
04.05.20	Probability	349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360
11.05.20	Transformations: reflection, rotation, enlargement, translation—draw and describe Vectors	637, 638, 639, 640, 641, 642, 643, 644, 645, 648, 649, 650, 651, 652, 653
18.05.20	Using a calculator	128, 129



## AQA 8300 Mathematics Foundation Tier

Student: \_\_\_\_\_

Target Grade:

Predicted Grade:

Maths Mock 1 - November 2019 mock grade:

Maths Mock 2 - March 2020 mock grade:

### Key Dates

**GCSE Exams—all papers 1 hour 30 mins**

Paper 1: 19<sup>th</sup> May 2020 am

Paper 2: 4<sup>th</sup> June 2020 am

Paper 3: 8<sup>th</sup> June 2020 am

### Extra support available

Use your mock exam **QLA sheet** to prioritise your revision

**Revision Guides**—available from Student Services

**Hegarty Maths:** videos and quizzes—<https://hegartymaths.com>

**Mymaths:** interactive lessons — <https://www.mymaths.co.uk/>

**Corbettmaths:** video clips and worksheets—<https://www.corbettmaths.com>

**Practice papers** will be given out during lessons



# KEEP CALM

# AND

# START REVISION