

Year 10 Higher Tier (set 2) 7:1 revision guide 2018

| | | Topic | Corbett Maths |
|------------|---|---|-------------------|
| Week 1 | 1 | Cones & pyramids | 314/359 |
| 23/04/2018 | 2 | 3D elevational & isometric drawing | |
| | 3 | Reflection & rotation | 272 - 275 |
| | 4 | Translation & enlargement | 325/6 & 104 - 109 |
| | 5 | Describing all transformations | 273/4 & 326 & 105 |
| Week 2 | 1 | Volume of 3D shapes | 355/6 & 358 |
| 30/04/2018 | 2 | Converting units for area/volume | 350 |
| | 3 | Area & circumference of circles | 59/60 |
| | 4 | Sectors | 46/47/58 |
| | 5 | Cylinders & spheres | 357 & 361 |
| Week 3 | 1 | $y = mx + c$ | 186 - 194 |
| 07/05/2018 | 2 | Use coordinates and gradient to find equation | 195 |
| | 3 | Real life graphs | 171 |
| | 4 | midpoints and line segments | 194 - 198 |
| | 5 | quadratic graphs | 264/5 |
| Week 4 | 1 | Cubic graphs | 344 |
| 14/05/2018 | 2 | Reciprocal graphs | 346 |
| | 3 | Circular graphs | |
| | 4 | Area of 2D shapes | 42/44/45/48/49 |
| | 5 | Total surface area of 3D shapes | 310 - 312 |
| Week 5 | 1 | Angles in triangles, quads & parallel lines | 25/30/33/37/39 |
| 21/05/2018 | 2 | Interior/exterior angles in polygons | 32 |
| | 3 | Pythagoras Theorum | 257 |
| | 4 | Trigonometry (lengths of sides) | 329/330 |
| | 5 | Trigonometry (angles) | 329/331 |
| Week 6 | 1 | Percentage increase and decrease | 238 |
| 28/05/2018 | 2 | Percentage change | 233 |
| | 3 | Compound interest | 236 |
| | 4 | Convert between FDP | 121 - 128 |
| | 5 | Recurring decimal to fraction | 96 |
| Week 7 | 1 | Add, subtract fractions | 132/3 |
| 04/06/2018 | 2 | Multiply and divide fractions | 142 & 134 |
| | 3 | Ratios | 269 & 269a |
| | 4 | Find quantities from ratios | 270/1 & 271a |
| | 5 | Solve proportion problems | 256 |

Notes:

Corbett Maths Video Link : <https://corbettmaths.com/contents/>

Test date - 11th and 12th of June 2018