**Year 8 Test: Tuesday 12th October 2021**

**Year 8 Set 1 – Revision List**

* Types of number (multiples, factors, primes, square, cubes)
* Product of primes (HCF/LCM)
* Expand single brackets
* Expand double brackets
* Collect like terms
* Factorise
* Reciprocals
* Multiply/divide negative numbers
* Rules of indices

**Year 8 Sets 2 - 6 – Revision List**

* Add, subtract, multiply, divide
* Multiples and factors
* Rounding to nearest 10, 100 and 1000
* Multiply and divide by 10, 100 and 1000
* Powers and roots (square numbers, square roots, cube numbers)
* Prime numbers
* Add and subtract with positive and negative numbers
* BIDMAS/BODMAS
* Equivalent fractions
* Simplify fractions
* Fraction of a quantity

**Year 9 Test: Wednesday 13th October 2021**

**Year 9 Set 1 – Revision List (CALC)**

* Substitution
* Rearranging formulae
* Trial and improvement
* Rotation
* Reflection
* Translation
* Enlargement
* Probability
* Sample space diagrams

**Year 9 Sets 2 – 4 – Revision List**

* Distinguishing between equations, formulae and expressions
* Forming expressions
* Collecting like terms
* Expanding brackets
* Solving all types of equations

**Year 10 Test: Monday 11th October 2021**

**Year 10 Sets 1/2 – Revision List (CALC)**

|  |  |
| --- | --- |
| **Topic** | **Corbett Maths Video** |
| Similar shapes | 291 |
| Angles in a triangle/angle properties | 37, 35 |
| Probability | 245, 249 |
| Square numbers & square root | 277, 228 |
| HCF & Multiples  | 219, 220 |
| Fraction of an amount | 137 |
| Percentage of an amount | 235 |
| Rounding to decimal places and significant figures | 278, 279a |
| Fractions, decimals and percentages | 131 |
| Tree diagrams | 252 |
| Solving equations (including equations with fractions) | 111, 117 |
| Factorising | 287 |
| Using nth term rule | 288 |
| Area of a square/rectangle/triangle | 49, 45 |
| Trial and improvement | 116 |
| Drawing pie charts | 163 |
| Venn diagrams | 380 |
| Drawing quadratic graphs | 264 |

**Year 10 Sets 3 – 11 – Revision List (CALC)**

* Area of shapes (rectangle, triangle, parallelogram, trapezium, circle, compound shape)
* Volume of prisms (cuboid, cube, triangular prism, cylinder)
* Surface area of shapes (cuboid, cylinder)
* Plans and elevations
* Reflection
* Enlargement
* Rotation
* Translation
* Rotational symmetry