**Half Term 4**

**Adapted Revision List for Year 10 Set 2**

The list below details all the topics that will appear on your next half term test which you will do during the week beginning the **23rd March 2020**. You will have covered most of the topics before. Any topics you have not yet covered you can look up on the website **https://vle.mathswatch.com** using the passwords you have been given by your teacher and the clip numbers below.

**IMPORTANT INFORMATION:**

New Website: [**https://vle.mathswatch.com**](https://vle.mathswatch.com)
New Username: *MyMathsLogin***@st-bedes**
New Password: **math***MyMathsPassword*

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| --- | --- | --- |
| **Topic** | **When the work was covered**  | **Clip Number** |
| Rules of indices | Y10 + KS3 | 29,82,154,188 |
| Congruent triangles | Y9 | 166 |
| Geometric progression | Y10 + KS3 | 163 |
| Ratio and fractions | Y10 + KS3 | 107 |
| Product of prime factors | Y10 + KS3 | 78 |
| Mean and range from grouped frequency table | Y10 + KS3 | 130 |
| Fraction problem | Y10 + KS3 | 72 |
| Conversion formula | Y9 | 107 112 |
| Density ratio | Y9 | 142 |
| Speed ratio | Y9 | 142 |
| Simultaneous equations | Y9 | 162 |
| Percentage problem | Y10 | 87 |
| Area of circle problem | Y9 | 117 |
| Standard form | Y10 | 83 |
| Inequality | Y10 | 138, 139 |
| Fraction to recurring decimal | Not yet done | 177, 189 |
| Tree diagram | Y9 | 151, 175 |
| Gradient | Y9 | 97, 159 |
| Best buy | Y10 | 41 |
| Cumulative frequency | Y9 | 186 |
| Equation of a circle | Not yet done (Grade 8) | 197 |
| Transformation | Y9 | 182 |
| Combined transformation | Y9 | 182 |
| Similar triangles | Y9 (simple examples) | 144 |
| Velocity-time graph | Not yet done | 216 |
| Surd | Simple examples in Y9 | 207 |
| Indices | Y10 | 29,82,154,188 |
| Fraction and algebra problem | N/A |   |
| Expand and simplify | Y10 | 134, 178 |
| Equation of tangent | Not yet done (Grade 8) | 208 |
| Volume and similarity | Not yet done (Grade 8) | 200 |
| Exact trigonometry and rationalising | Not yet done (Grade 8) | 207 |

NON CALCULATOR

**Half Term 4**

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NON CALCULATOR