**Revision List – 11M1/M2/P1/M2**

|  |  |  |
| --- | --- | --- |
| **Revise** | **Clip Mathswatch** | **Completed (Y)** |
| Trigonometry | 168 |  |
| Venn diagrams | 127a |  |
| Splitting in a given ratio | 106 |  |
| Circumference and perimeter of an arc. | 118 |  |
| Perimeter of an arc | 167 |  |
| Expanding double brackets | 134b |  |
| Solve a quadratic | 157 |  |
| Rules of indices/simplifying with powers | 131 |  |
| Convert and equation to a ratio | 200c |  |
| Finding a formula from a line. | 159a |  |
| Solving simultaneous equations | 162 |  |
| Negative indices | 154 |  |
| Fractional Indices | 188 |  |
| Circle Theorems | 183 |  |
| Form and Solve and Equation | 137 |  |
| Histograms | 205 |  |
| Similar solid/area ratios | 201 |  |
| Difference of two squares | 158 |  |

|  |  |  |
| --- | --- | --- |
| **Revise** | **Clip Mathswatch** | **Completed (Y)** |
| Time series | 153 |  |
| Ratio problems | 165a |  |
| Surface area of a cuboid | 115 |  |
| Volume of a cuboid | 114a |  |
| Percentages of amounts | 86 |  |
| Density | 142 |  |
| Finding a gradient from coordinates | 159b |  |
| Area of a trapezium | 56 |  |
| Compound interest/exponential growth | 164 |  |
| Reading from a cumulative frequency graph | 186 |  |
| Simplify algebraic fractions | 210a |  |
| Interior angles of polygons. | 123 |  |
| Exponential graphs | 194 |  |
| Pythagoras’ in 3D/Volume of a triangular prism | 217 |  |
| Rotation | 49 |  |
| Reflection | 48 |  |
| Factorise a quadratic expression | 192 |  |
| Upper and lower bounds with calculations | 206 |  |
| Probability without replacement | 175 |  |
| Finding distance from a speed/time graph | 216a |  |

|  |  |  |
| --- | --- | --- |
| **Revise** | **Clip Mathswatch** | **Completed (Y)** |
| Pythagoras’ theorem | 150a/b |  |
| Finding speed from a distance time graph | 143 |  |
| Similar triangles | 144 |  |
| Expand and simplify single brackets | 134a |  |
| Relative frequency | 125 |  |
| Median from a frequency table | 130a |  |
| Increasing area by a percentage given lengths | 108 |  |
| Solve a linear inequality | 139 |  |
| Estimate the mean from a grouped frequency table | 130b |  |
| Simple regions | 198 |  |
| Box plots | 187 |  |
| Circle theorems | 184 |  |
| Ratio problems with probability | 165b/c |  |
| Vectors | 219 |  |
| Rate of change from a graph | 216b |  |
| Equation of a circle | 197 |  |
| Equation of a perpendicular line | 208 |  |
| Cosine rule/Area sine rule | 202b/203 |  |