



## Year 10 Winter Assessment 2021 – Revision Checklist



Topic	Text Book Ref.	Learning Intentions
<b>31 Ratio</b>	<b>Chapter 5</b>	<ul style="list-style-type: none"> <li>• Understand, write and simplify a ratio.</li> </ul>
		<ul style="list-style-type: none"> <li>• Divide a quantity into a given ratio.</li> </ul>
		<ul style="list-style-type: none"> <li>• Understand and use map ratios and scales.</li> </ul>
		<ul style="list-style-type: none"> <li>• Understand and use direct proportion.</li> </ul>
<b>32 Area 2</b>	<b>Chapter 7</b>	<ul style="list-style-type: none"> <li>• Know and use the formulae for the area of a triangle and parallelogram.</li> </ul>
		<ul style="list-style-type: none"> <li>• Find the area of compound shapes.</li> </ul>
		<ul style="list-style-type: none"> <li>• Understand and use squares and square roots.</li> </ul>
		<ul style="list-style-type: none"> <li>• Understand and use the trapezium formula.</li> </ul>
<b>33 Transformations (1)</b>	<b>Chapter 11</b>	<ul style="list-style-type: none"> <li>• Understand how to reflect a shape in a mirror line.</li> </ul>
		<ul style="list-style-type: none"> <li>• Translate a shape using a vector.</li> </ul>
		<ul style="list-style-type: none"> <li>• Rotate a shape through <math>90^\circ</math>, <math>180^\circ</math> and <math>270^\circ</math> about (0,0).</li> </ul>
		<ul style="list-style-type: none"> <li>• Describe transformations fully.</li> </ul>
<b>34 Scale Drawings</b>	<b>Chapter 20</b>	<ul style="list-style-type: none"> <li>• Understand and use three figure bearings.</li> </ul>
		<ul style="list-style-type: none"> <li>• Measure and draw, using three figure bearings, questions in context.</li> </ul>
<b>27 Expanding Brackets</b>	<b>Chapter 10</b>	<ul style="list-style-type: none"> <li>• Expand and simplify questions involving brackets.</li> </ul>
		<ul style="list-style-type: none"> <li>• Solve questions involving brackets.</li> </ul>
<b>35 Algebra and Polynomial Equations</b>	<b>Chapter 12 and 17</b>	<ul style="list-style-type: none"> <li>• Solve simple equations involving fractions.</li> </ul>
		<ul style="list-style-type: none"> <li>• Solve simple inequalities and represent the solutions on a number line.</li> </ul>