



Year 10 Winter Assessment 2023 – Revision Checklist



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