



Year 10 Winter Assessment 2024 – Revision Checklist



Topic	Text Book Ref.	Learning Intentions
1 Ratios	1	<ul style="list-style-type: none"> • Write and simplify a ratio.
		<ul style="list-style-type: none"> • Divide a quantity into a given ratio.
		<ul style="list-style-type: none"> • Calculate unknowns with ratios.
		<ul style="list-style-type: none"> • Understand and use map ratios and scales.
		<ul style="list-style-type: none"> • Understand direct and inverse proportion.
		<ul style="list-style-type: none"> • Solve problems involving direct and inverse proportion.
2 Area of a Trapezium and Compound Area	1	<ul style="list-style-type: none"> • Calculate the area of a trapezium.
		<ul style="list-style-type: none"> • Find missing measurements of a trapezium if given the area.
		<ul style="list-style-type: none"> • Calculate perimeters and area of compound shapes.
3 Transformations	1	<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"> • Enlarge a shape by a scale factor (positive whole number OR positive fractional) about a centre of enlargement.
		<ul style="list-style-type: none"> • Find the centre of enlargement, given the object and image.
		<ul style="list-style-type: none"> • Describe transformations fully.
4 Equations and Inequalities	1	<ul style="list-style-type: none"> • Solve simple equations involving fractions.
		<ul style="list-style-type: none"> • Understand and use the inequality symbols.

		<ul style="list-style-type: none">• Solve inequalities.
		<ul style="list-style-type: none">• Represent solutions on a number line.
5 Bearings and Scale Drawings	1	<ul style="list-style-type: none">• Draw and use scale drawings.
		<ul style="list-style-type: none">• Understand and use angles of elevation and depression.
		<ul style="list-style-type: none">• Understand, use, and draw three-figure bearings.