Year 10 Winter Assessment 2026 – Revision Checklist

Topic	Text Book Ref.	Learning Intentions
1 Ratios	**1**	• Write and simplify a ratio.
		• Divide a quantity into a given ratio.
		• Calculate unknowns with ratios.
		• Understand and use map ratios and scales.
		• Understand direct and inverse proportion.
		• Solve problems involving direct and inverse proportion.
2 Area of a Trapezium and Compound Area	**1**	• Calculate the area of a trapezium.
		• Find missing measurements of a trapezium if given the area.
		• Calculate perimeters and area of compound shapes.
3 Transformations	**1**	• Understand how to reflect a shape in a mirror line.
		• Translate a shape using a vector.
		• Rotate a shape through 90^{o}, 180^{0} and 270^{0} about (0,0).
		• Enlarge a shape by a scale factor (positive whole number OR positive fractional) about a centre of enlargement.
		• Find the centre of enlargement, given the object and image.
		• Describe transformations fully.
4 Equations and Inequalities	**1**	• Solve simple equations involving fractions.
		• Understand and use the inequality symbols.

		• Solve inequalities.
		• Represent solutions on a number line.
5 **Bearings and Scale Drawings**	**1**	• Draw and measure three-figure bearings.