

## Year 9 Autumn 2 – Theta

Q	Topics	MAX Marks	My Score	Self Assess
1	Understand which part of an expression is raised to a power			<input type="radio"/> R <input type="radio"/> A <input type="radio"/> G
2	Understand the difference between squaring a negative number and subtracting a squared number within a more complex calculation			<input type="radio"/> R <input type="radio"/> A <input type="radio"/> G
3	Write numbers greater than 10 in standard index form			<input type="radio"/> R <input type="radio"/> A <input type="radio"/> G
4	Know and use the general forms of the index laws for multiplication and division of positive integer powers			<input type="radio"/> R <input type="radio"/> A <input type="radio"/> G
5	Substitute integers into simple expressions involving small powers			<input type="radio"/> R <input type="radio"/> A <input type="radio"/> G
6	Use the distributive law to take out single term algebraic factors			<input type="radio"/> R <input type="radio"/> A <input type="radio"/> G
7	Multiply out brackets involving positive terms such as $(a + b)(c + d)$ and collect like terms			<input type="radio"/> R <input type="radio"/> A <input type="radio"/> G
8	In simple cases change the subject of the formula			<input type="radio"/> R <input type="radio"/> A <input type="radio"/> G
9	Understand that algebraic fractions use same rules as numerical fractions			<input type="radio"/> R <input type="radio"/> A <input type="radio"/> G
10	Identify key features of data sets described in either line graphs or scatter graphs – including correlation			<input type="radio"/> R <input type="radio"/> A <input type="radio"/> G
11	Calculate estimate of mean from large set of grouped data			<input type="radio"/> R <input type="radio"/> A <input type="radio"/> G
12	Design tables recording discrete and continuous data			<input type="radio"/> R <input type="radio"/> A <input type="radio"/> G
13	Enlarge 2D shapes given a centre of enlargement which lies inside or on a side of the shape and a positive whole number scale factor			<input type="radio"/> R <input type="radio"/> A <input type="radio"/> G
14	Enlarge 2D shapes given a fractional scale factor			<input type="radio"/> R <input type="radio"/> A <input type="radio"/> G
15	Round numbers to a given number of significant figures			<input type="radio"/> R <input type="radio"/> A <input type="radio"/> G
16	Solve problems using compound measures			<input type="radio"/> R <input type="radio"/> A <input type="radio"/> G
17	Calculate percentage change using the formula $\frac{\text{actual change}}{\text{original amount}} \times 100$ , where formula is recalled			<input type="radio"/> R <input type="radio"/> A <input type="radio"/> G

Autumn 2 assessment =  $\frac{\quad}{55} = \quad\%$

