**Revision List Assessment 1**

**Year 10 Core Standard**

Topic 1 NUMBER 1:

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| **Number 1** | **Maths Watch Clip Number** |
| Rounding decimal places | **32** |
| Rounding significant figures | **90** |
| Estimate calculations | **91** |
| Find the upper and lower bound | **132** |
| Express bounds using inequalities | **132** |
| Apply limits in a calculation | **206** |

Topic 2 ALGEBRA 1

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| --- | --- |
| **Algebra 1** | **Maths Watch Clip Number** |
| Substitute into formulae | **95** |
| Substitute into formulae – negative numbers | **95** |
| Simplify expressions in problem form | **33-35** |
| Expand single brackets | **93** |
| Expand and simplify single brackets | **134a** |
| Expand double brackets | **134b** |
| Laws of indices | **82** |
| Factorise – single brackets | **94** |
| Factorise a quadratic | **157** |

Topic 3: Data 1

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| --- | --- |
| **Averages** | **Maths Watch Clip number** |
| Calculate averages of small data sets. | **62** |
| Apply averages of small data set in problem form | **62** |
| Interpret a frequency table. | **130a** |
| Find the mean of a frequency table. | **130a** |
| Find an estimate of the mean for a grouped frequency table. | **130b** |

Topic 4: Number 2

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| **Number 2** | **Maths Watch Clip number** |
| Evaluate indices | **29 and 82** |
| Evaluate zero and negative indices | **154** |
| Simplify and evaluate indices using the laws of indices | **82** |
| Convert numbers out of standard form | **83** |
| Calculate with numbers in standard form | **83** |