



Subject Level Boundary Template

Department	Mathematics	Year Group	7	Assessment	Assessment 1
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Level	Assessment Summary
Level 1	Year 7 Assessment 1 in Mathematics covers the content covered between September and December in Year 7. Students should ensure they bring their maths equipment, which includes pen, pencil, ruler, protractor, pair of compasses and calculator.
Level 2	During this unit, students will: <ul style="list-style-type: none">• Identify and interpret the value of particular digits within integers and decimals• Add and subtract integers and decimals• Round numbers to the nearest 10, 100 and 1000, and use decimal places and significant figures• Multiply and divide by powers of 10
Level 3	<ul style="list-style-type: none">• Use rounding to estimate the answers to a range of calculations• Calculate perimeter and area of two-dimensional shapes including rectangles, triangles and composite shapes• Calculate the mean average of numbers from lists and frequency tables• Recognise and use factors and prime numbers• Decompose numbers into products of their prime factors.
Level 4	The table below identifies the MathsWatch videos for these topics. Students can use this both in preparation for the assessment and for review of their performance. To do this log in to MathsWatch entering their username and password.
Level 5	There are three tiers of assessment: foundation, intermediate and higher, with scores out of 30, 29 and 35 respectively. The boundaries required to reach each level will be shared with the students following their assessment.

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Topic	MathsWatch clip
Place Value	N1b
Written addition and subtraction of integers	N3b and N4b
Written addition and subtraction of decimals	N13b and N14b
Rounding to the nearest 10's, 100's and 1000's	N27a
Estimation	N43a
Rounding to decimal places	N27b
Rounding to significant figures	N38
Perimeter	G8a and G8b
Unit conversions	R2
Written multiplication	N15a and N15b
Written division	N29a and N29b
Multiplying/dividing by powers of 10	N17a and N17b
Area by counting	G9
Area of rectangles	G20a
Area of composite shapes	G24
Area of triangles	G20c
The mean average	S7
Estimating the mean from a table	S10b
Factors	N10
Prime numbers	N30a
Prime factorisation	N30b
Highest common factors	N31a
Square and cube numbers	N25