



# Formal assessment: Revision Guidance

<b>Circulation</b>	Year 8- Student
<b>Title</b>	Year 8- Formal assessment Revision
<b>Purpose</b>	To provide revision information for Formal assessment

You will sit **two papers** in total, **one non- calculator** and **one calculator**

## Year 7 content

### **Unit 1 (Number):**

Ordering Numbers  
Negative Numbers  
Inverse Operations  
Rounding Decimals and Significant Figures

### **Unit 2 (Algebra):**

Algebraic Notation, Writing and Simplifying  
Expressions  
Sequences

### **Unit 3 (FDP and estimation):**

Decimals/ Rounding/ Estimation  
Fraction Notation (Proper/Improper and Mixed Numbers)/ Order Fractions  
FDP Conversion  
Percentage of an amount/ Percentage increase and decrease

### **Unit 4 (Measure):**

Drawing and Measuring Lines & Angles  
Properties of 2D  
Angles on Parallel Lines Rules

### **Unit 5 (Transformation):**

Translation, Reflection, Rotation

### **Unit 6 (Geometry):**

Angle rules

### **Unit 7 (Statistics):**

Averages and displaying data/ Grouping data  
Averages and comparing data

## Year 8 content:

### **Unit 1 (Graphs):**

Substitution  
Linear graphs  
 $Y = mx + c$

**Unit 2 (Percentages):**

Percentage of an amount  
Percentage increase and decrease

**Unit 3 (Number):**

Fractions Arithmetic

**Unit 4 (Algebra):**

Linear Equations  
Rearranging Formulae  
Expanding Double/Triple Brackets  
Factorising

**Unit 5 (Geometry):**

Circle Features  
Area of a Circle  
Sectors

**Unit 6 (Geometry):**

Perimeter  
Circumference of a circle  
Arc Length  
Compound shapes  
Surface Area of a cylinder

**Unit 7 (Probability):**

Probability scale  
Theoretical and Experimental probability  
Sample space diagram  
Two-way table  
Probability trees

**2 Papers- Non- Calculator:** The exam will be 40 minutes.

**Calculator:** The exam will be 40 minutes.

You must answer all questions in the paper. You will need a black pen, pencil, ruler, protractor, compass and calculator for the exam.

Further detail and revision materials can be found here:

Maths Genie: <https://www.mathsgenie.co.uk/gcse.php>

Corbettmaths: [Edexcel Foundation Revision - Corbettmaths](#)

Sparx Maths: [Sparx Maths Login](#)