



Subject	Mathematics		
Title/Topic	Format	Length	Date
Paper 1 – Non Calculator	Written Exam	45 minutes	Tue 20 June
Paper 2 – Calculator	Written Exam	45 minutes	Wed 21 June (Y) Thu 22 June (X)
Paper 3 – Calculator	Written Exam	45 minutes	Thu 22 June (Y) Fri 23 June (X)
Paper 4 – MCQ Non Calculator	Multiple Choice Test	45 minutes	Tue 27 June

This assessment will test my knowledge on...

You will sit **four assessment papers** for your end of year assessments. Each assessment will be of equal challenge but they will progress in difficulty through the paper. They will test you on your understanding of the concepts studied so far in Year 7 which build upon your study in primary school. The **core concepts** you will be tested on are listed below, but questions may draw on any content we have covered so far in Year 7.

- Identify linear and non-linear **sequences**
- Understand the basics of **algebraic notation** and how to solve problems using inverse operations
- Understand **equality and equivalence** to solve equations and simplify expressions by collecting like terms
- **Order numbers using place value** and be able to round to different degrees of accuracy
- Convert fluently between **fractions, decimals & percentages**
- Use **addition and subtraction** fluently in a range of different contexts
- **Multiply and divide** numbers without a calculator, find the mean of a set of values and find the areas of different shapes
- Find the **fraction and percentage of amounts**
- Calculate with **directed (negative) number** in numeric and algebraic contexts
- **Add and subtract with fractions** including with mixed numbers and improper fractions
- **Measure angles**, recognise different shapes and **draw constructions of triangles**
- Use **geometric reasoning** with basic angle facts to explore different shapes and parallel lines
- Represent data in **Venn diagrams** using set notation to explore **probability**



What should I do to revise and prepare for this assessment?

To prepare for this assessment:

1. Look back at the **question level analysis feedback from your Advent assessment** on go4schools to see which topics you did well on and which need your attention.
2. Work through, complete and self-mark the questions in your **End of Year Revision Booklet**. Use this to diagnose the units you need to focus your revision on
3. Complete the **practice assessment** and self-mark (or ask a parent to do it for you)
4. Once you have diagnosed the topics with which you want to do further practice, use the **Sparx codes sheet to access the independent learning tasks** for those topics. You can practice questions and watch the supporting videos to help you. Once you have revised each topic, tick them off as completed on your list.
5. Use look, cover, check using the **knowledge organisers** in the back of your revision workbook.
6. Review the results from your unit **knowledge check assessments** at the back of your workbooks and revisit the small steps for which you have weakness.
7. You should **re-watch the lesson videos** for your identified weaknesses and try the worksheet and check it questions.

What useful websites/resources could I use to help me prepare?

You can access all the resources from this academic year here:

<https://www.delisle.org.uk/3239/year-7-maths-advent>

<https://www.delisle.org.uk/4424/year-7-maths-lent>

<https://www.delisle.org.uk/4482/year-7-maths-pentecost>

You can use Sparx Revision List located in your revision workbook to pick out topics on independent learning on Sparx that could help you with your revision. You will also find the knowledge organisers at the back of your unit workbooks and in the revision booklet.

www.sparxmaths.uk/student

If you have purchased one, you could practise more questions from the Year 7 course text book.