

8AAG End of year revision checklist – Pi 2 textbook

You will have two end of year tests in Maths – 1 calculator and 1 non-calculator. Each test will be 50 min, and those entitled to extra time will get another 25% (12.5 mins)

This is a list of the topics you will be tested on.

Remember, for Maths you must do questions and test yourself. Reading notes is not enough.

	Grade yourself before starting? 1 – 5	Questions done	Confidence after revision 1 - 5
Unit 1 – Number properties and calculations	☹ ☺		☹ ☺
1.1 Adding and subtracting with larger numbers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.2 More calculations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.3 Negative numbers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.4 Writing ratios	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.5 Using ratios to solve problems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.6 Multiplicative reasoning	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unit 2 – Shapes and measures in 3D			
2.1 3D solids	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.2 Nets of 3D solids	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.3 Surface area	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.4 Volume	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.5 Working with measures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Name: _____

- Doing check-ups at the end of each unit can help you identify areas you need to work, if you are unsure.
- Questions from each section, unit tests and questions from 'strengthen' and 'extend' at the end of each chapter can help you.
- You may find the following websites useful also:
www.mymaths.co.uk, www.khanacademy.org, www.mathsgenie.co.uk

	Grade yourself before starting? 1 – 5	Questions done	Confidence after revision 1 – 5
Unit 3 – Statistics	☹ ☺		☹ ☺
3.1 Data collection sheets	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.2 Interpreting bar charts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.3 Drawing bar charts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.4 Pie charts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unit 4 – Expressions and equations			
4.1 Simplifying expressions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.2 Functions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.3 Solving equations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.4 Using brackets	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unit 5 – Decimal calculations			
5.1 Adding and subtracting decimals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.2 Multiplying decimals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.3 Ordering and rounding decimals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.4 Problem-solving with decimals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	Grade yourself before starting? 1 – 5	Questions done	Confidence after revision 1 – 5		Grade yourself before starting? 1 – 5	Questions done	Confidence after revisio 1 – 5
	☹ ☺		☹ ☺		☹ ☺		☹ ☺
Unit 6 – Angles				Unit 9 – Fractions and percentages			
6.1 Measuring and drawing angles	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9.1 Comparing fractions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.2 Vertically opposite angles	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9.2 Fractions of amounts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.3 Angles in triangles	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9.3 Adding and subtracting fractions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.4 Drawing triangles accurately	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9.4 Fractions and percentages	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.5 Designing nets	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9.5 Calculating percentages	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unit 7 – Number properties				9.6 Percentages and proportion			
7.1 Squares, cubes and roots	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unit 10 – Probability			
7.2 Calculating with brackets and indices	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10.1 The language of probability	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7.3 LCM and HCF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10.2 Outcomes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7.4 Prime factor decomposition	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10.3 Probability calculations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unit 8 – Sequences				10.4 Experimental probability			
8.1 Generating sequences	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10.5 Comparing probabilities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8.2 Extending sequences	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
8.3 Special sequences	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
8.4 Position-to-term rules	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
8.5 Finding the nth term	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				