

Top Tips for Maths Revision



1. Make the most of lessons

Teachers plan lessons to specifically meet your needs, taking into consideration your performance on assessments.

2. Complete homework on Sparx (www.sparxmaths.uk)

These homework tasks reinforce classroom learning and include revision of previous topics. Complete these tasks every week.

3. Utilise feedback sheets with Sparx

Work on specific areas for improvement. You have QLA sheets from all assessments matching topics to Sparx codes. Look up the topics. Complete questions with the videos to support.

Year 10 Assessment 2 Foundation		18/12/23	Name.....	
Mark:	/ 44	MTG:	Assessment Grade:	
Q	rag	Sparx Q	rag	Sparx
1	Equivalent ratios	/2 A U753	9	Combining ratios
2	Writing and simplifying ratio	/3 A U687	10	Solving proportion problems
3	Converting between fraction and ratios	/1 A U176	11	Using equivalent ratios to find unknown amounts
4	Solving direct proportion word problems	/3 B U721	12	Solving inverse proportion word problems
5	Share amounts in a given ratio	/2 A U577	13	Write ratios in the form 1:n or n:1
6	Best buys	/4 B U721	14	Congruent triangles
7	Finding unknown sides in similar shapes	/5 C U578	15	Using equivalent ratios, difference known
8	Share amounts in a given ratio	/3 A U577	16	Recipe problems

I am closing the gap by working through these Sparx topics.

1. 2. 3.

Questions	Question Title	Score	Clip Number
1	Convert decimals to fractions	1 / 1	52
2	Comparing negative numbers	1 / 1	37
3	Factors of a number	1 / 1	27
4	Converting mass	1 / 1	695
5	Read & write positive integers	1 / 1	13
6	Writing algebraic expressions	2 / 2	747
7	Simplifying expressions involving multiplication	1 / 1	153
8a	Simplifying expressions involving division	0 / 1	158
8b	Indices with algebraic expressions	0 / 1	173
8c	Simplifying expressions involving division	0 / 2	159
9ai	Interpret a pictogram	1 / 1	426
9aii	Compare a pictogram	1 / 1	426
10	Compare positive and negative numbers	1 / 2	14, 37
11	Substitution	0 / 2	784
12a	Read timetables	1 / 1	No video/quiz
12b	Read timetables	2 / 2	No video/quiz
13	Multiplication and division problem solving	3 / 3	23
14	Area of rectangles, find percentages of amounts	2 / 4	554, 84
15ai	Comparing probabilities	1 / 1	149, 46, 350
15aii	Comparing probabilities	1 / 1	149, 46, 350
15b	Probability of an event not happening	0 / 1	353
15c	Expectation	0 / 2	355
16	Direct Proportion	1 / 4	341
17	Direct Proportion, converting time	2 / 4	338, 710
18	Loci, scale diagrams	0 / 4	676, 678, 867
19a	Solve single linear inequalities (positive x)	0 / 2	269
19b	Solve double linear inequalities and represent on a number line	0 / 3	272, 265
20	Straight line graphs	0 / 3	208
21i	Express one number as a fraction as another, Fractions of an amount	0 / 2	62, 77
21ii	Comparing, sampling & bias	0 / 2	394
22	Volume of a cuboid, fractions of an amount, converting volume	4 / 4	568, 77, 704
23	Share in a given ratio	0 / 4	332
24a	Ordinary to standard form	1 / 1	122
24b	Standard Form to ordinary	1 / 1	123
25a	Fibonacci sequence	1 / 1	263
25b	Fibonacci sequence	0 / 2	263
26	Error intervals	1 / 2	774
27	Surface area of cylinders	1 / 5	586
	Total	36 / 80	

4. Complete past papers with OnMaths (www.onmaths.com)

These exams mirror the actual past papers. They are marked automatically and assign you a grade. Videos walkthroughs are also provided.

5. Complete past papers on paper

Your maths teacher will provide you with papers throughout the year.

6. Attend Maths intervention

Intervention is taking place between 15:15–16:15. This will include sessions on walking mock papers for both Higher and Foundation, key topic foci and Sparx drop in support.