



Maths using a QLA to close gaps





Mathematics Assessment Feedback

Paper
Name
Teacher

sparx

Questions	Topic	Score	Sparx Code
1	Identifying parts of circles	1 / 2	U767
2	Original values in percentage calculations, Standard form with positive indices	3 / 3	U286,U330
3a	Constructing and solving equations	0 / 1	U599
3b	Interpreting inverse proportion equations	0 / 2	U364
4a	Writing probabilities as fractions	2 / 3	U408
4b	Probabilities of mutually exclusive events	1 / 1	U683
5a	Interpreting equations of straight line graphs	1 / 2	U669
5b	Interpreting graphs of quadratic functions	2 / 2	U667
6	Standard form with a calculator	1 / 1	U161
7	Calculating experimental probabilities	1 / 2	U580U462
8	Calculating speed from distance-time graphs	1 / 3	U462
9	Venn diagrams with set notation	1 / 1	U748
10	Percentage change with a calculator	3 / 3	U671
11	Drawing and interpreting scale diagrams	1 / 3	U257
12	Congruent triangles	1 / 1	U866
13	Finding averages from grouped data	1 / 3	U877
14a	Plotting graphs of quadratic functions	0 / 3	U989
14b	Finding the equation of a straight line graph from two points on a line	0 / 1	U848
15	Calculating with rates, Reading converting and calculating with time	3 / 4	U256,U902
16	Drawing box plots	3 / 3	U879
17	Construct & solve equations, Write and simplify ratios, Angles on a straight line	4 / 4	U599,U687,U390
18	Finding unknown sides in right-angled triangles	0 / 3	U283
19a	Expand single brackets, Simplify algebraic fractions by cancelling common factors	0 / 3	U179,U103
19b	Factorising quadratic expressions of the form ax^2+bx+c	1 / 2	U858
20	Expand single & double brackets, Solve quadratics using the quadratic formula	0 / 4	U179,U768,U665
21	Use equivalent ratios to find unknown amounts, Fractions of amounts	1 / 4	U753,U916
22	Finding approximate solutions to equations using iteration	0 / 3	U168
23	Geometric proofs with vectors	1 / 4	U560
24a	Interpreting inverse proportion equations	0 / 2	U364
24b	Interpreting inverse proportion equations	0 / 2	U364
25	Finding the volume of prisms, Using equivalent ratios to find unknown amounts	0 / 5	U174,U753
Total		33 / 80	

This is an example of a QLA that you will receive following the completion of your Year 10 PPE 1



The key is understanding what is the most important questions on the QLA

Subject Title	Maximum Mark	2025 Grade Boundaries								
		9	8	7	6	5	4	3	2	1
MATHEMATICS TIER F	80	-	-	-	-	65	55	41	27	13
MATHEMATICS TIER H	80	75	66	56	45	33	22	16	-	-

Please note – Grade boundaries change every year. Please use this as a guide only



The key is understanding what is the most important questions on the QLA

	Foundation	Higher
Set 1		9 – 94% 8 – 82% 7 – 70%
Set 2	5 - 81% 4 – 69%	6 – 56% 5 – 41% 4 – 27%
Set 3	5 - 81% 4 – 69%	
Set 4	5 - 81% 4 – 69% 3 – 51%	

Personalised support after your mocks on your areas for development



Sparx Assessments

- Home
- Revision
- Assessments
- Reports
- Management

AQA Foundation - 11/Ma1

Overview
Results
Fix-up

Fluency
Problem solving

Fix up fluency Paper 1 off on View answer history →

Topic	Topic name	Topic name	Topic name	Topic name	Topic name	Topic name	Topic name	Topic name	Topic name	Topic name	Topic name	Topic name	Topic name	Topic name	Topic name
Number of students assigned this question	4	8	8	11	0	0	0	3	2	1	2	9	23	28	
Average progress	0%	0%	5%	5%	0%	0%	0%	5%	5%	10%	10%	10%	0%	0%	

Student name	Paper mark	Progress	Q 1	Q 2	Q 3	Q 4	Q 5	Q 6	Q 7	Q 8	Q 9	Q 10	Q 11	Q 12	Q 13
Isabella Brown	36/80	6/9 (90%)		0	3	4				4	4	3	3	3	0
Chloe Davies	36/80	0/12 (0%)	0	0	0	0	0			0	0	0	0	0	0
Jacob Jones	36/80	0/5 (0%)										0	0	0	0
Liam Patel	36/80	0/13 (0%)	0	0	0	0	0	0	0	0	0	0	0	0	0
Olivia Smith	36/80	11/11 (100%)		3	3	3	3	3	3	3	3	3			3

Key: # Number of answers ■ Last answer correct ■ Last answer incorrect Not answered Not assigned