

**KS2**

# **SATs Practice Paper QLA**



This guide explains how to use the QLA document that accompanies each pack of KS2 SATs Practice Papers.

The QLA sheets are protected to ensure the formulae functions work correctly.

Editable cells:

- Paper 1 Arithmetic data input: children's names and space for scores are editable
- Paper 2 & 3 Reasoning data input: space for scores is editable
- NOTE: Please enter a value for every question. Use 0 if the question is unanswered
- Class summary: cells highlighted blue are editable

Each topic contains a link. Click it to take you to Grammarsaurus's SATS smasher for that topic.

Please note: the spreadsheet is designed to work in Office 365. If you are using an older form of Excel, the spreadsheet may not function as intended. Please use the Google Sheets version.

The link below will take you to a Google Sheets version of the spreadsheet.

<https://docs.google.com/spreadsheets/d/1ZeWaeW4iKsaRuhrQYp1voTAITzlr7tBFRQ66mu4CljM/copy?usp=sharing>

Click the link and click, “Make a copy”.

Please note: the cells on the Google Sheets document cannot be protected. Please do not edit any cells other than the data entry cells or the spreadsheet may not work. A warning will pop up if you try to do so.

# Paper 1 Arithmetic data input

Enter children's names in these cells:  
Please make sure all names are unique.

Enter children's scores for each question in these cells:  
Please enter a value for every question. Use 0 if the question is unanswered.



## Paper 1: Arithmetic data input

			Children's names																			
Question	Topic	Marks																				
1	<a href="#">4 x 27 =</a>	<a href="#">Multiply by 1-digit</a>	1																			
2	<a href="#">560 ÷ 8 =</a>	<a href="#">Dividing using known facts</a>	1																			
3	<a href="#">5,512 x 0 =</a>	<a href="#">Multiplying by 1 or 0</a>	1																			
4	<a href="#">738 = 700 + ___ + 8</a>	<a href="#">Missing number addition</a>	1																			
5	<a href="#">124 - 86 =</a>	<a href="#">Subtract whole numbers</a>	1																			
6	<a href="#">7,342 + 275 =</a>	<a href="#">Add whole numbers</a>	1																			
7	<a href="#">8,000 + 42 =</a>	<a href="#">Multiply by 1-digit</a>	1																			
8	<a href="#">6.23 + 5.204 =</a>	<a href="#">Add decimals</a>	1																			
9	<a href="#">7,200 ÷ 8 =</a>	<a href="#">Dividing using known facts</a>	1																			
10	<a href="#">392 ÷ 7 =</a>	<a href="#">Divide by 1-digit</a>	1																			
11	<a href="#">___ + 7 = 214</a>	<a href="#">Missing number addition</a>	1																			
12	<a href="#">915 - ___ = 787</a>	<a href="#">Missing number subtraction</a>	1																			
13	<a href="#">3<sup>3</sup> - 5<sup>2</sup> =</a>	<a href="#">Using indices</a>	1																			
14	<a href="#">14.56 x 1,000 =</a>	<a href="#">Multiply &amp; divide by 10, 100 &amp; 1,000</a>	1																			
15	<a href="#">1,440 ÷ 12 =</a>	<a href="#">Dividing using known facts</a>	1																			
16	<a href="#">28 ÷ (11 - 7) =</a>	<a href="#">Order of operations</a>	1																			
17	<a href="#">1 3/8 - 5/8 =</a>	<a href="#">Subtract fractions (same denoms)</a>	1																			
18	<a href="#">153 x 100 =</a>	<a href="#">Multiply &amp; divide by 10, 100 &amp; 1,000</a>	1																			
19	<a href="#">70% of 6,000 =</a>	<a href="#">Percentages of amounts</a>	1																			
20	<a href="#">12 - 5.18 =</a>	<a href="#">Subtract decimal from a whole num</a>	1																			
21	<a href="#">7 - 2.3 =</a>	<a href="#">Subtract decimal from a whole num</a>	1																			
22	<a href="#">0.6 + 100 =</a>	<a href="#">Multiply &amp; divide by 10, 100 &amp; 1,000</a>	1																			
23	<a href="#">1 1/4 + 1 2/3 =</a>	<a href="#">Add mixed number fractions</a>	1																			
24	<a href="#">642 x 23 =</a>	<a href="#">Multiply by 2-digits</a>	2																			
25	<a href="#">35% of 560 =</a>	<a href="#">Percentages of amounts</a>	1																			
26	<a href="#">2/3 - 1/5 =</a>	<a href="#">Subtract fractions (diff. denoms)</a>	1																			
27	<a href="#">46% of 2,300 =</a>	<a href="#">Percentages of amounts</a>	1																			
28	<a href="#">2 1/4 - 1 2/3 =</a>	<a href="#">Add mixed number fractions</a>	1																			
29	<a href="#">1,728 ÷ 24 =</a>	<a href="#">Divide by 2-digits</a>	2																			
30	<a href="#">5/12 - 2/5 =</a>	<a href="#">Subtract fractions (diff. denoms)</a>	1																			
31	<a href="#">3,243 x 57 =</a>	<a href="#">Multiply by 2-digits</a>	2																			
32	<a href="#">5/6 ÷ 3 =</a>	<a href="#">Divide fractions</a>	1																			
33	<a href="#">28% of 750 =</a>	<a href="#">Percentages of amounts</a>	1																			
34	<a href="#">2/5 x 315 =</a>	<a href="#">Fractions of amounts</a>	1																			
35	<a href="#">6,708 ÷ 86 =</a>	<a href="#">Divide by 2-digits</a>	2																			
36	<a href="#">2 1/3 x 15 =</a>	<a href="#">Multiply fractions and whole nos</a>	1																			
Total score:			40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



Paper 1 Arithmetic data input

Arithmetic child focus topics

Arithmetic focus groups

Paper 2 Reasoning data input

Paper 3 Reasoning data input

Reasoning child focus topics

Reasoning focus groups

Class summary



# Paper 1 Arithmetic data input

Enter children's names in these cells:  
Please make sure all names are unique.

Enter children's scores for each question in these cells:  
Please enter a value for every question. Use 0 if the question is unanswered.



Paper 1: Arithmetic data input

Question	Topic	Marks	Amy	Billy	Claire	David	Ezra	Fahmid	Georgia	Hassan	Inaya	James	Kieran	Lisa	Maria	Nadia	Oliver	Priya	Quin	Rebecca	Sarah	Tahmid	Usman	Violet	Walter	Xanthe	Yasmin	Zubair	Alisha	Ben	
1	4 x 27 =	Multiply by 1-digit	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
2	560 ÷ 8 =	Dividing using known facts	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	
3	5,512 x 0 =	Multiplying by 1 or 0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
4	738 = 700 + __ + 8	Missing number addition	1	1	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	
5	124 - 86 =	Subtract whole numbers	1	1	1	1	1	1	1	1	0	0	1	0	1	1	1	1	0	1	1	1	0	1	1	1	1	1	1	1	
6	7,342 + 275 =	Add whole numbers	1	1	0	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	
7	8,000 + 42 =	Multiply by 1-digit	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	1	1	
8	6.23 + 5.204 =	Add decimals	1	1	1	0	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	
9	7,200 ÷ 8 =	Dividing using known facts	1	1	0	1	1	1	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	
10	392 ÷ 7 =	Divide by 1-digit	1	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	
11	___ + 7 = 214	Missing number addition	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	1	1	0	1	1	0	1	1	1	1	1	0	1	
12	915 - ___ = 787	Missing number subtraction	1	1	0	1	1	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	0	1	1	
13	3 <sup>3</sup> · 5 <sup>2</sup> =	Using indices	1	1	0	1	1	0	1	1	0	1	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	1	1	0
14	14.56 x 1,000 =	Multiply & divide by 10, 100 & 1,000	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	
15	1,440 ÷ 12 =	Dividing using known facts	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	0	1	
16	28 ÷ (11 - 7) =	Order of operations	1	1	0	0	1	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	
17	1 3/8 - 5/8 =	Subtract fractions (same denoms)	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	
18	153 x 100 =	Multiply & divide by 10, 100 & 1,000	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	
19	70% of 6,000 =	Percentages of amounts	1	1	0	1	1	0	1	1	1	1	1	1	0	1	1	1	0	1	1	1	0	1	1	1	1	1	1	1	
20	12 - 5.18 =	Subtract decimal from a whole num.	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	0	0	1	
21	7 - 2.3 =	Subtract decimal from a whole num.	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	
22	0.6 ÷ 100 =	Multiply & divide by 10, 100 & 1,000	1	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
23	1 1/4 + 1 2/3 =	Add mixed number fractions	1	0	0	1	1	1	1	1	1	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	
24	642 x 23 =	Multiply by 2-digits	2	0	1	2	0	1	2	2	1	0	0	2	1	2	1	2	1	0	1	2	1	0	1	1	2	1	1	0	1
25	35% of 560 =	Percentages of amounts	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
26	2/3 - 1/5 =	Subtract fractions (diff. denoms)	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	
27	46% of 2,300 =	Percentages of amounts	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	
28	2 1/4 - 1 2/3 =	Add mixed number fractions	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
29	1,728 ÷ 24 =	Divide by 2-digits	2	2	0	1	1	2	1	1	2	1	2	1	1	1	2	1	1	2	1	2	1	1	1	1	2	1	0	2	
30	5/12 - 2/5 =	Subtract fractions (diff. denoms)	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
31	3,243 x 57 =	Multiply by 2-digits	2	2	0	1	2	2	2	2	2	2	2	1	2	1	2	2	2	1	1	2	2	1	2	2	1	2	2	2	
32	5/6 ÷ 3 =	Divide fractions	1	1	0	1	1	0	0	0	0	0	1	0	1	0	1	0	1	0	1	1	1	0	0	0	0	1	0	1	
33	28% of 750 =	Percentages of amounts	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	1	1	
34	2/5 x 315 =	Fractions of amounts	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	1	1	
35	6,708 ÷ 86 =	Divide by 2-digits	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0	1	2	0	0	0	0	2	
36	2 1/3 x 15 =	Multiply fractions and whole nos	1	1	1	0	1	1	1	1	1	1	0	1	1	1	1	0	1	1	1	0	1	1	1	1	1	1	0	1	
Total score:			40	35	12	34	37	26	37	35	35	33	34	37	33	37	36	37	35	34	36	36	37	27	33	36	34	33	20	29	37



Paper 1 Arithmetic data input

Arithmetic child focus topics

Arithmetic focus groups

Paper 2 Reasoning data input

Paper 3 Reasoning data input

Reasoning child focus topics

Reasoning focus groups

Class summary



# Arithmetic child focus topics

The data from **Paper 1 Arithmetic data input** will generate focus topics for each individual child.



## Arithmetic individual focus topics

Children's names															
Amy	Billy	Claire	David	Ezra	Fahmid	Georgia	Hassan	Inaya	James	Kieran	Lisa	Maria	Nadia	Oliver	Priya
Multiply by 1-digit	Dividing using known facts	Add decimals	Multiply by 2-digits	Dividing using known facts	Divide by 2-digits	Divide by 1-digit	Add whole numbers	Subtract whole numbers	Subtract whole numbers	Missing number addition	Subtract whole numbers	Using indices	Multiply by 2-digits	Missing number subtraction	Add mixed number fractions
Add mixed number fractions	Missing number addition	Order of operations	Divide by 2-digits	Multiply by 1-digit	Divide fractions	Multiply & divide by 10, 100 & 1,000	Dividing using known facts	Add decimals	Add mixed number fractions	Using indices	Dividing using known facts	Percentages of amounts	Divide by 2-digits	Using indices	Multiply by 2-digits
Multiply by 2-digits	Add whole numbers	Subtract fractions (diff. denoms)		Missing number addition	Multiply fractions and whole nos	Divide by 2-digits	Missing number addition	Using indices	Multiply by 2-digits	Multiply fractions and whole nos	Add mixed number fractions	Divide by 2-digits	Divide fractions	Subtract decimal from a whole number	Divide by 2-digits
Subtract fractions (diff. denoms)	Divide by 1-digit	Divide by 2-digits		Missing number subtraction		Divide fractions	Multiply by 2-digits	Order of operations	Divide by 2-digits		Multiply by 2-digits				Divide fractions
	Missing number subtraction	Multiply by 2-digits		Using indices			Divide fractions	Multiply by 2-digits	Divide fractions		Divide by 2-digits				Multiply fractions and whole nos
	Using indices	Multiply fractions and whole nos		Multiply & divide by 10, 100 & 1,000				Divide fractions			Divide fractions				
	Multiply & divide by 10, 100 & 1,000			Order of operations											
	Order of operations			Subtract fractions (same denoms)											
	Subtract fractions (same denoms)			Percentages of amounts											
	Percentages of amounts			Subtract decimal from a whole number											
	Subtract decimal from a whole number			Multiply by 2-digits											
	Add mixed number fractions														
	Multiply by 2-digits														
	Subtract fractions (diff. denoms)														
	Divide by 2-digits														
	Divide fractions														
	Fractions of amounts														


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# Arithmetic focus groups

The data from **Paper 1 Arithmetic data input** will generate focus groups for each topic covered in the arithmetic paper.

Click these links to take you to our SATS smasher for that topic

Arithmetic focus groups	
Question type	
<a href="#">Multiply by 1-digit</a>	Amy Ezra Walter Zubair
<a href="#">Dividing using known facts</a>	Billy Ezra Zubair Hassan Lisa Usman Alisha
Multiplying by 1 or 0	
<a href="#">Missing number addition</a>	Billy Kieran Zubair Ezra Hassan Rebecca Usman Alisha
<a href="#">Subtract whole numbers</a>	Inaya James Lisa Quin Usman
<a href="#">Add whole numbers</a>	Billy Hassan Sarah Ben Caroline
<a href="#">Add decimals</a>	Claire Inaya Xanthe Zubair Diya
<a href="#">Divide by 1-digit</a>	Billy Georgia Zubair
<a href="#">Missing number subtraction</a>	Billy Ezra Oliver Zubair
Using indices	Billy Ezra Inaya Kieran Maria Oliver Quin Sarah Tahmid Usman Violet Xanthe Yasmin Ben
<a href="#">Multiply &amp; divide by 10, 100 &amp; 1,000</a>	Billy Ezra Alisha Georgia Zubair
<a href="#">Order of operations</a>	Billy Claire Ezra Inaya Violet
Subtract fractions (same denoms)	Billy Ezra Alisha
<a href="#">Percentages of amounts</a>	Billy Ezra Maria Quin Usman Zubair
<a href="#">Subtract decimal from a whole number</a>	Ezra Oliver Zubair Alisha Billy
<a href="#">Add mixed number fractions</a>	Amy Billy James Lisa Priya Yasmin Zubair
<a href="#">Multiply by 2-digits</a>	Amy Billy David Ezra Hassan Inaya James Lisa Nadia Priya Quin Rebecca Tahmid Usman Violet Walter Yasmin Zubair Alisha Ben Freya Claire Sarah Xanthe Greta
<a href="#">Subtract fractions (diff. denoms)</a>	Amy Billy Claire Yasmin Zubair
<a href="#">Divide by 2-digits</a>	Billy Claire David Fahmid Georgia James Lisa Maria Nadia Priya Quin Sarah Usman Violet Walter Yasmin Zubair Freya Harry Xanthe Alisha Caroline Elliott
<a href="#">Divide fractions</a>	Billy Fahmid Georgia Hassan Inaya James Lisa Nadia Priya Rebecca Violet Walter Xanthe Alisha Caroline
<a href="#">Fractions of amounts</a>	Billy Usman Zubair
<a href="#">Multiply fractions and whole nos</a>	Claire Fahmid Kieran Priya Tahmid Zubair Freya

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Paper 1 Arithmetic data input

Arithmetic child focus topics

Arithmetic focus groups

Paper 2 Reasoning data input

Paper 3 Reasoning data input

Reasoning child focus topics

Reasoning focus groups

Class summary

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# Paper 2 Reasoning data input

8

Children's names will auto-generate here from Arithmetic data input

Enter children's scores for each question in these cells:  
Please enter a value for every question. Use 0 if the question is unanswered.

Grammarsaurus		Children's names																										
Paper 2: Reasoning data input																												
Topic	Marks	Amy	Billy	Claire	David	Ezra	Fahmid	Georgia	Hassan	Inaya	James	Kieran	Lisa	Maria	Nadia	Oliver	Prva	Quin	Rebecca	Sarah	Tahmid	Usman	Violet	Walter	Xanthe	Yasmin		
1	<a href="#">Number and place value</a>	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1		
2	<a href="#">Multiplication and division</a>	1	1	0	1	0	1	1	1	0	1	0	1	0	1	1	0	1	0	1	1	0	1	1	0	1		
3	<a href="#">Number and place value</a>	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1		
4	<a href="#">Converting imperial and metric measures</a>	1	1	0	1	1	1	0	1	1	0	1	1	0	1	1	0	1	1	1	0	1	1	0	1	1		
5	<a href="#">Number and place value</a>	2	2	2	2	2	1	2	2	1	2	2	1	2	2	2	2	2	2	2	1	2	2	2	0	2		
6	<a href="#">Mass</a>	1	1	0	1	1	1	0	1	1	0	1	1	1	0	1	1	1	1	1	0	1	1	1	1	1		
7	<a href="#">Mean</a>	1	1	1	1	1	0	1	1	1	1	0	0	1	1	1	1	1	1	0	1	1	1	0	1			
8	<a href="#">Working with fractions</a>	1	0	1	1	1	1	0	1	0	1	1	0	1	1	0	1	1	1	0	1	1	0	1	0	1		
9	<a href="#">Working with fractions</a>	1	0	0	0	0	1	1	0	0	1	0	0	1	1	0	0	1	0	1	1	0	0	1	1	1		
10	<a href="#">Comparing and ordering fractions</a>	1	1	0	0	1	0	0	1	1	0	0	0	0	1	1	1	0	1	0	0	1	1	1	0	1		
11	<a href="#">Money</a>	2	1	2	1	2	1	0	1	1	2	1	2	1	0	1	1	2	1	2	1	0	1	1	2	2		
12	<a href="#">Capacity</a>	1	0	0	0	0	0	1	0	0	1	0	0	0	1	0	0	1	0	0	0	1	0	0	1	1		
13	<a href="#">Length</a>	1	1	1	0	1	0	0	1	1	0	1	0	0	1	1	1	0	1	0	0	1	1	1	0	0		
14	<a href="#">Pie charts</a>	1	1	0	0	1	0	0	1	1	0	1	1	0	1	1	1	0	1	0	0	1	1	1	1	1		
15	<a href="#">Rounding</a>	2	2	2	1	2	0	1	2	2	1	2	0	1	2	2	2	1	2	0	1	2	2	2	0	2		
16	<a href="#">Circles</a>	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
17	<a href="#">Mixed operations</a>	1	0	0	0	0	0	0	0	1	0	0	1	0	0	0	1	0	0	0	0	0	0	1	1	0		
18	<a href="#">Timetables</a>	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
	<a href="#">Timetables</a>	1	1	0	1	1	1	0	1	1	1	1	1	0	1	1	1	1	1	1	0	1	1	1	1	1		
19	<a href="#">Mass</a>	2	1	1	1	2	0	2	2	1	1	2	2	0	2	2	2	2	2	0	2	2	2	1	0	0		
20	<a href="#">Ratio and proportion</a>	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
	<a href="#">Ratio and proportion</a>	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
21	<a href="#">Algebra - formulae</a>	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
	<a href="#">Algebra - formulae</a>	2	2	2	1	2	1	2	2	1	2	2	2	2	2	1	1	2	2	1	2	2	2	2	1	2		
22	<a href="#">Ratio and proportion</a>	2	1	2	1	2	1	0	1	1	2	1	2	1	0	1	1	2	1	2	1	0	1	1	2	2		
23	<a href="#">Calculating angles</a>	2	2	2	2	2	1	2	2	1	2	2	1	2	2	2	2	2	2	2	1	2	2	2	0	2		
24	<a href="#">Translation</a>	1	1	0	1	1	1	0	1	1	0	1	1	1	0	1	1	1	1	1	0	1	1	1	1	1		
	<a href="#">Translation</a>	1	1	1	1	1	0	1	1	1	1	0	0	1	1	1	1	1	1	0	1	1	1	1	0	1		
Total score:		35	28	22	24	31	20	18	30	27	28	26	28	19	21	29	28	33	26	30	21	19	30	29	32	18	31	
< >		Paper 1 Arithmetic data input		Arithmetic child focus topics			Arithmetic focus groups			Paper 2 Reasoning data input			Paper 3 Reasoning data input			Reasoning child focus topics			Reasoning focus groups			Class summary		+				



## Paper 3 Reasoning data input

Children's names will auto-generate here from Arithmetic data input

Enter children's scores for each question in these cells:  
Please enter a value for every question. Use 0 if the question is unanswered.

**Grammarsaurus**

**Paper 3: Reasoning data input**

Topic		Marks	Children's names																			
1	<a href="#">Number and place value</a>	1																				
2	<a href="#">3D shape</a>	1																				
3	<a href="#">Multiplication and division</a>	1																				
4	<a href="#">Converting fractions, decimals and percentages</a>	2																				
5	<a href="#">Money</a>	2																				
6	<a href="#">Length</a>	1																				
	<a href="#">Length</a>	1																				
7	<a href="#">Length</a>	2																				
8	<a href="#">Working with fractions</a>	1																				
9	<a href="#">Bar charts</a>	1																				
	<a href="#">Bar charts</a>	1																				
10	<a href="#">Algebra problem solving</a>	1																				
	<a href="#">Algebra problem solving</a>	1																				
11	<a href="#">Ratio and proportion</a>	1																				
12	<a href="#">Number and place value</a>	2																				
13	<a href="#">Money</a>	2																				
14	<a href="#">Fractions of shape</a>	1																				
	<a href="#">Fractions of shape</a>	1																				
15	<a href="#">Working with percentages</a>	1																				
16	<a href="#">Mixed worded problems</a>	2																				
17	<a href="#">Understanding lines and angles</a>	1																				
	<a href="#">Understanding lines and angles</a>	1																				
	<a href="#">Understanding lines and angles</a>	1																				
18	<a href="#">Working with percentages</a>	2																				
19	<a href="#">Volume</a>	1																				
	<a href="#">Volume</a>	1																				
20	<a href="#">Reflection on a coordinate grid</a>	1																				
	<a href="#">Reflection on a coordinate grid</a>	1																				
Total score:		35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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# Paper 3 Reasoning data input

10

Children's names will auto-generate here from Arithmetic data input

Enter children's scores for each question in these cells:  
Please enter a value for every question. Use 0 if the question is unanswered.

Grammarsaurus		Children's names																										
Paper 3: Reasoning data input		Topic	Marks	Amy	Billy	Claire	David	Ezra	Fahmid	Georgia	Hassan	Inaya	James	Kieran	Lisa	Maria	Nadia	Oliver	Priya	Quin	Rebecca	Sarah	Tahmid	Usman	Violet	Walter	Xanthe	Yasmin
1	Number and place value	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1
2	3D shape	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0
3	Multiplication and division	1	0	0	1	1	0	1	0	1	0	1	1	0	0	0	1	0	1	1	0	0	1	1	0	1	0	1
4	Converting fractions, decimals and percentages	2	1	0	2	2	1	2	2	2	2	1	2	2	2	1	2	2	2	2	1	2	2	2	1	2	2	2
5	Money	2	2	2	1	2	2	1	2	2	2	2	2	2	2	2	0	2	2	0	2	1	2	2	2	2	1	2
6	Length	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Length	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	Length	2	0	1	1	1	0	1	2	1	0	2	2	2	1	0	1	2	1	2	0	1	2	1	0	1	1	1
8	Working with fractions	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	Bar charts	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Bar charts	1	1	0	1	1	1	1	0	1	1	1	1	0	1	1	1	0	1	1	1	0	1	1	1	1	0	1
10	Algebra problem solving	1	1	1	0	1	1	0	1	1	1	1	0	1	1	0	1	1	1	0	1	1	0	1	1	1	1	1
	Algebra problem solving	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	0	1	1	1
11	Ratio and proportion	1	1	0	1	1	1	1	0	1	1	1	1	1	0	1	1	0	1	1	1	0	1	1	1	1	0	1
12	Number and place value	2	1	0	1	1	1	1	0	1	1	1	1	1	0	1	1	0	1	1	1	0	1	1	1	1	1	0
13	Money	2	2	1	1	2	2	1	1	2	2	2	2	1	1	2	1	1	2	1	2	1	1	2	2	2	1	2
14	Fractions of shape	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Fractions of shape	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	Working with percentages	1	1	1	0	1	1	0	1	1	1	1	1	0	1	1	0	1	1	0	1	1	0	1	1	1	1	1
16	Mixed worded problems	2	1	0	2	2	1	2	2	2	2	1	2	2	2	1	2	2	2	2	1	2	2	2	1	2	2	2
17	Understanding lines and angles	1	1	0	1	1	1	1	0	1	1	1	1	1	0	1	1	0	1	1	1	0	1	1	1	1	0	1
	Understanding lines and angles	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Understanding lines and angles	1	1	0	1	1	1	1	0	1	1	1	1	1	0	1	1	0	1	1	1	0	1	1	1	1	0	1
18	Working with percentages	2	2	2	1	2	2	1	2	2	2	2	2	2	2	2	0	2	2	0	2	1	2	2	2	2	1	2
19	Volume	1	1	1	0	1	1	0	1	1	1	1	1	0	1	1	0	1	1	0	1	1	0	1	1	1	1	1
	Volume	1	1	0	1	1	1	1	0	1	1	1	1	1	0	1	1	0	1	1	1	0	1	1	1	1	0	1
20	Reflection on a coordinate grid	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Reflection on a coordinate grid	1	1	1	0	1	1	0	1	1	1	1	0	1	1	1	0	1	1	0	1	1	0	1	1	1	1	1
Total score:		35	29	16	26	33	28	26	26	33	29	33	29	25	28	24	26	33	25	29	22	29	33	28	32	23	32	
< >		Paper 1 Arithmetic data input		Arithmetic child focus topics		Arithmetic focus groups		Paper 2 Reasoning data input		Paper 3 Reasoning data input		Reasoning child focus topics		Reasoning focus groups		Class summary		+										



The data from **both reasoning paper data inputs** will generate focus topics for each individual child.



## Reasoning individual focus topics

Children's names																			
Amy	Billy	Claire	David	Ezra	Fahmid	Georgia	Hassan	Isaya	James	Kieran	Lisa	Maria	Nadia	Oliver	Priya	Quin	Rebecca	Sarah	Tahmid
Working with fractions	Multiplication and division	Working with fractions	Multiplication and division	Mean	Multiplication and division	Working with fractions	Working with fractions	Multiplication and division	Working with fractions	Multiplication and division	Number and place value	Multiplication and division	Working with fractions	Working with fractions	Multiplication and division	Working with fractions	Multiplication and division	Mean	Multiplication and division
Money	Converting imperial and metric measures	Comparing and ordering fractions	Working with fractions	Comparing and ordering fractions	Converting imperial and metric measures	Money	Money	Converting imperial and metric measures	Comparing and ordering fractions	Mean	Mean	Converting imperial and metric measures	Money	Money	Converting imperial and metric measures	Comparing and ordering fractions	Working with fractions	Working with fractions	Converting imperial and metric measures
Capacity	Mass	Money	Capacity	Money	Number and place value	Capacity	Capacity	Number and place value	Money	Working with fractions	Working with fractions	Mass	Capacity	Capacity	Length	Money	Capacity	Comparing and ordering fractions	Number and place value
Mixed operations	Working with fractions	Capacity	Mixed operations	Capacity	Mass	Mixed operations	Mixed operations	Mass	Capacity	Comparing and ordering fractions	Comparing and ordering fractions	Comparing and ordering fractions	Mixed operations	Mixed operations	Number and place value	Capacity	Mixed operations	Money	Mass
Mass	Comparing and ordering fractions	Length	Length	Length	Working with fractions	Ratio and proportion	Mass	Calculating angles	Length	Capacity	Money	Money	Algebra - formulae	Algebra - formulae		Length	Algebra - formulae	Capacity	Comparing and ordering fractions
Ratio and proportion	Capacity	Pie charts	Number and place value	Pie charts	Comparing and ordering fractions	Multiplication and division	Algebra - formulae	Translation	Pie charts	Mixed operations	Capacity	Length	Ratio and proportion	Ratio and proportion		Pie charts	Length	Length	Money
Multiplication and division	Pie charts	Rounding		Rounding	Money	Bar charts	Ratio and proportion	Length	Rounding	Translation	Length	Pie charts	Length	Multiplication and division		Rounding	Number and place value	Pie charts	Length
Length	Mixed operations	Mixed operations		Mixed operations	Length	Number and place value	Length	Mixed worded problems	Mixed operations	Algebra problem solving	Rounding	Rounding	Algebra problem solving	Bar charts		Mixed operations	Mixed worded problems	Rounding	Pie charts
Number and place value	Timetables	Mass		Mass	Pie charts	Understanding lines and angles	Number and place value		Ratio and proportion	Number and place value	Mass	Mixed operations	Number and place value	Number and place value		Ratio and proportion		Mixed operations	Rounding
Mixed worded problems	Ratio and proportion	Algebra - formulae		Ratio and proportion	Rounding	Volume			3D shape	Money	Ratio and proportion	Timetables	Working with percentages	Understanding lines and angles		Algebra problem solving		Mass	Mixed operations
	Translation	Ratio and proportion		Algebra - formulae	Mixed operations				Number and place value	Working with percentages	Calculating angles	Ratio and proportion	Volume	Volume		Number and place value		Ratio and proportion	Timetables
	Number and place value	Algebra problem solving		Translation	Timetables					Volume	Translation	Translation	Reflection on a coordinate grid			Working with percentages		Translation	Ratio and proportion
	Length	Number and place value		Multiplication and division	Ratio and proportion					Reflection on a coordinate grid	Multiplication and division	Algebra problem solving				Volume		Number and place value	Calculating angles
	Bar charts	Working with percentages		Number and place value	Calculating angles						Bar charts	Number and place value				Reflection on a coordinate grid		Multiplication and division	Translation
	Money	Volume		Fractions of shape	Translation						Understanding lines and angles	Mixed worded problems						Bar charts	Algebra problem solving

< >

Paper 1 Arithmetic data input

Arithmetic child focus topics

Arithmetic focus groups

Paper 2 Reasoning data input

Paper 3 Reasoning data input

Reasoning child focus topics

Reasoning focus groups

Class summary


+



# Reasoning focus groups

The data from **both reasoning paper data inputs** will generate focus groups for each topic covered in both reasoning papers.

Click these links to take you to our SATS smasher for that topic

 **Grammarsaurus**

Reasoning focus groups

Topic	Lisa	Fahmid	Inaya	Tahmid	Xanthe	Zubair	Elliott	Harry	Billy	Sarah	Amy	Claire	David	Ezra	Georgia	Hassan	James	Kieran	Maria	Nadia	Oliver	Priya	Quin	Rebecca	Usman	Violet	Walter	Yasmin	Alisha	Ben	Caroline	Diya	Freya	Greta	Isla
<a href="#">Number and place value</a>																																			
<a href="#">Multiplication and division</a>																																			
<a href="#">Converting imperial and metric measures</a>																																			
<a href="#">Mass</a>																																			
<a href="#">Mean</a>																																			
<a href="#">Working with fractions</a>																																			
<a href="#">Comparing and ordering fractions</a>																																			
<a href="#">Money</a>																																			
<a href="#">Capacity</a>																																			
<a href="#">Length</a>																																			
<a href="#">Pie charts</a>																																			
<a href="#">Rounding</a>																																			
<a href="#">Circles</a>																																			
<a href="#">Mixed operations</a>																																			
<a href="#">Timetables</a>																																			
<a href="#">Ratio and proportion</a>																																			
<a href="#">Algebra - formulae</a>																																			
<a href="#">Calculating angles</a>																																			
<a href="#">Translation</a>																																			
<a href="#">3D shape</a>																																			
<a href="#">Converting fractions, decimals and percentages</a>																																			
<a href="#">Bar charts</a>																																			
<a href="#">Algebra problem solving</a>																																			
<a href="#">Fractions of shape</a>																																			
<a href="#">Working with percentages</a>																																			
<a href="#">Mixed worded problems</a>																																			
<a href="#">Understanding lines and angles</a>																																			
<a href="#">Volume</a>																																			
<a href="#">Reflection on a coordinate grid</a>																																			

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# Class summary

## Class scores

A summary of children's scores for all 3 papers and the totals for all 3 papers. The highlighting in the total column indicates the level achieved: WT, EX or GD.

## Current level

Names of children achieving each level, as well as the count and percentage of the class achieving each level.

## Cusp children

Names of children within a certain number of points of achieving the next level.

## Cusp

Editable: choose the number of marks below the threshold to identify cusp children.

## Focus topics

Identifies whole class focus topics from the papers. This is determined by the percentage of children who got the question correct. Editable: choose the percentage in the blue cells.

Paper 1:  
Arithmetic  
foci

Combined  
reasoning foci  
from both papers

Paper 2:  
Reasoning  
foci

Paper 3:  
Reasoning  
foci

Class summary																					
Class scores					Levels					Focus topics											
Paper 1: Arithmetic	Paper 2: Reasoning	Paper 3: Reasoning	Total		Current level			Cusp children		Thresholds		Cusp	Whole class focus topics - arithmetic		Whole class focus topics - all reasoning		Whole class focus topics - reasoning 2		Whole class focus topics - reasoning 3		
Amy	35	28	30	93	WT	EX	GD	EX	GD	WT	0	53		Percentage threshold	70%	Multiplication and division	Percentage threshold	70%	Multiplication and division	Percentage threshold	70%
Billy	12	22	18	52	6%	60%	34%	6%	26%	EX	54	92	5	Using indices		Converting imperial and metric measures	Multiplication and division		Converting imperial and metric measures	Length	
Claire	34	24	26	84	2	21	12	2	9	GD	93	110	5	Multiply by 2-digits		Mean	Converting imperial and metric measures		Algebra problem solving		
David	37	31	33	101	Billy Zubair	Claire	Amy	Billy	Georgia					Divide by 2-digits		Working with fractions	Mean		Number and place value		
Ezra	26	20	29	75		Ezra	David	Zubair	Inaya					Divide fractions		Comparing and ordering fractions	Working with fractions		Volume		
Fahmid	37	18	26	81		Fahmid	Hassan		Nadia							Money	Comparing and ordering fractions				
Georgia	35	30	26	91		Georgia	James		Oliver							Capacity	Money				
Hassan	35	27	33	95		Inaya	Kieran		Usman							Length	Capacity				
Inaya	33	28	30	91		Lisa	Priya		Violet							Pie charts	Length				
James	34	26	33	93		Maria	Rebecca		Alisha							Rounding	Pie charts				
Kieran	37	28	29	94		Nadia	Walter		Caroline							Mixed operations	Rounding				
Lisa	33	19	25	77		Oliver	Yasmin		Diya							Mass	Mixed operations				
Maria	37	21	29	87		Quin	Freya									Ratio and proportion	Mass				
Nadia	36	29	24	89		Sarah	Greta									Algebra problem solving	Ratio and proportion				
Oliver	37	28	26	91		Tahmid	Harry									Number and place value					
Priya	35	33	33	101		Usman										Volume					
Quin	34	26	25	85		Violet															
Rebecca	36	30	30	96		Xanthe															
Sarah	36	21	22	79	Alisha																
Tahmid	37	19	29	85	Ben																
Usman	27	30	33	90	Caroline																
Violet	33	29	29	91	Diya																
Walter	36	32	32	100	Elliott																
Xanthe	34	18	23	75	Isla																
Yasmin	33	31	32	96																	
Zubair	20	21	9	50																	
Alisha	29	33	28	90																	
Ben	37	22	28	87																	
Caroline	37	20	32	89																	
Diya	39	22	28	89																	
Elliott	39	17	28	84																	
Freya	37	33	32	102																	
Greta	39	31	23	93																	
Harry	39	30	32	101																	
Isla	37	19	24	80																	

Thresholds

Suggested level thresholds for each pack.

Paper 1 Arithmetic data input

Arithmetic child focus topics

Arithmetic focus groups

Paper 2 Reasoning data input

Paper 3 Reasoning data input

Reasoning child focus topics

Reasoning focus groups

Class summary

Thresholds  
Suggested level  
thresholds for  
each pack.

