

Getting a Grade 4/5 on the foundation tier



methodmaths

(click on the 3 icon)

Stage 1 - be secure on the first 10 questions

Focus on the first 10 questions to build up your core knowledge.

Where you have gaps address these before moving on.

Test 3021 1F	R	✓	?	🔒	37	3	86	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22
Test 3020 2F	R	✓	?	🔒	21	2	2.51	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22
Test 3019 3F	R	✓	?	🔒	28	2	🔍	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22
Test 3018 1F	R	✓	?	🔒	54	5	108	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22
Test 3017 2F	R	✓	?	🔒	23	2	3.11	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22
Test 3016 3F	R	✓	?	🔒	31	2	🔍	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22
Test 3015 1F	R	✓	?	🔒	13	1	69	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22
Test 3014 2F	R	✓	?	🔒	38	3	1.89	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22
Test 3013 3F	R	✓	?	🔒	18	1	🔍	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22
Test 3012 1F	R	✓	?	🔒	13	1	38	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22

Stage 2 - learning from your mistakes

Then start to push on to complete trios of series of exams and look up the areas that you found difficult using the mortar board icon.

Test 3018 1F	R	✓	?	🔒	44	4	128	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
Test 3017 2F	R	✓	?	🔒	35	3	3.63	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Test 3016 3F	R	✓	?	🔒	49	3	🔍	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30

Stage 3 - Getting them all up to scratch

Persevere with the papers until they are all at the desired grade.

Test 3021 1F	R	✓	?	🔒	67	5	207	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Test 3020 2F	R	✓	?	🔒	69	5	5.55	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Test 3019 3F	R	✓	?	🔒	71	5	🔍	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Test 3018 1F	R	✓	?	🔒	73	5	225	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Test 3017 2F	R	✓	?	🔒	72	5	5.80	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Test 3016 3F	R	✓	?	🔒	80	5	🔍	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Test 3015 1F	R	✓	?	🔒	77	5	212	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Test 3014 2F	R	✓	?	🔒	68	5	5.50	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Test 3013 3F	R	✓	?	🔒	67	5	🔍	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Test 3012 1F	R	✓	?	🔒	64	5	182	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Test 3011 2F	R	✓	?	🔒	59	5	5.21	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Test 3010 3F	R	✓	?	🔒	59	5	🔍	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30

Stage 4 - Fine tuning

Roll the cursor over the white spots to find which topics you need to push on in the final stages of your preparation.

Test 3018 1F	R	✓	?	🔒	80	5	240	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Test 3017 2F	R	✓	?	🔒	80	5	5.99	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Test 3016 3F	R	✓	?	🔒	80	5	🔍	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Test 3015 1F	R	✓	?	🔒	80	5	240	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Test 3014 2F	R	✓	?	🔒	80	5	5.99	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Test 3013 3F	R	✓	?	🔒	80	5	🔍	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Test 3012 1F	R	✓	?	🔒	80	5	240	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Test 3011 2F	R	✓	?	🔒	80	5	5.99	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Test 3010 3F	R	✓	?	🔒	80	5	🔍	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30

Getting a Grade 6+ on the foundation tier



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(click on the 3 icon)

Stage 1 - be secure on the first 10 questions

Focus just on the first 6 questions that cross over with foundation

Test 4018 1H	R	✓	?	🔒	26	5	73	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22			
Test 4017 2H	R	✓	?	🔒	20	4	5.00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Test 4016 3H	R	✓	?	🔒	27	5	🔍	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
Test 4015 1H	R	✓	?	🔒	24	4	58	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22			
Test 4014 2H	R	✓	?	🔒	18	3	4.21	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20					
Test 4013 3H	R	✓	?	🔒	16	4	🔍	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23		

Stage 2 - Addressing the gaps before moving on



Initially click on the motorboard icon to bring up an applet that talks you through the topic you are struggling on



Then either filter the questions so only that topic comes up or use the file icon to get a PDF of similar questions



Stage 3 - Pushing on to half-way

Once you're up to half-way, that's the grade 6/7 borderline.

Test 4018 1H	R	✓	?	🔒	45	6	120	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	
Test 4014 2H	R	✓	?	🔒	42	6	6.41	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20			
Test 4013 3H	R	✓	?	🔒	33	6	🔍	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Test 4012 1H	R	✓	?	🔒	34	6	108	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	
Test 4011 2H	R	✓	?	🔒	37	6	6.43	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21		
Test 4010 3H	R	✓	?	🔒	37	6	🔍	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20			

Stage 4 - Addressing the gaps

Test 4018 1H	R	✓	?	🔒	39	6	149	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22			
Test 4017 2H	R	✓	?	🔒	58	8	7.50	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Test 4016 3H	R	✓	?	🔒	52	7	🔍	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
Test 4015 1H	R	✓	?	🔒	68	9	169	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22			
Test 4014 2H	R	✓	?	🔒	40	6	8.06	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20					
Test 4013 3H	R	✓	?	🔒	61	8	🔍	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23		

Address the gaps before moving on, using the same method as Stage 2.

Stage 5 - push on to the higher end questions

Test 4018 1H	R	✓	?	🔒	53	8	168	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22			
Test 4017 2H	R	✓	?	🔒	57	8	8.09	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Test 4016 3H	R	✓	?	🔒	58	8	🔍	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
Test 4015 1H	R	✓	?	🔒	63	8	185	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22			
Test 4014 2H	R	✓	?	🔒	60	8	8.58	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20					
Test 4013 3H	R	✓	?	🔒	62	9	🔍	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23		

Stage 2 - Addressing the gaps before moving on

Test 4024 1H	R	✓	?	🔒	80	9	240	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	
Test 4023 2H	R	✓	?	🔒	80	9	9.99	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21		
Test 4022 3H	R	✓	?	🔒	80	9	🔍	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Test 4021 1H	R	✓	?	🔒	80	9	240	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Test 4020 2H	R	✓	?	🔒	80	9	9.99	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	
Test 4019 3H	R	✓	?	🔒	80	9	🔍	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21		



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A User Guide

When marking is activated, your answer will turn green when correct and you will be awarded a mark in red according to the mark scheme. The question number also changes once complete and the gradeometer starts to grow giving you an indicator of what grade you are working at and how many more marks you require to reach the next grade. On this test, the student has achieved 43 marks and a Grade 6. They are 80% of the way towards a Grade 7 and require two more raw marks to achieve this.



The six colours in Zone 3 represent GCSE Grades 0 - 5.
The eight colours in Zone 4 represent GCSE Grades 0 and 3 - 9.



3 Work out 31.7×100



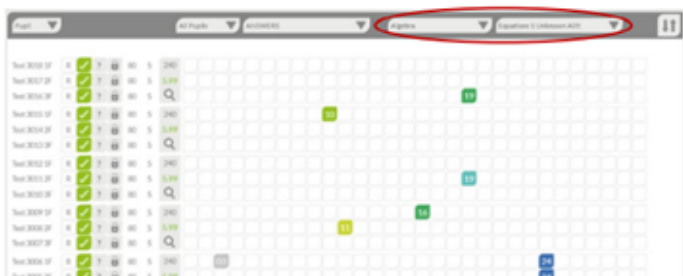
When the scaffolding is activated you will have access to a number of support features.



$$\begin{array}{r} 317 \\ \times 10 \\ \hline 3170 \\ \times 100 \\ \hline 31700 \end{array}$$

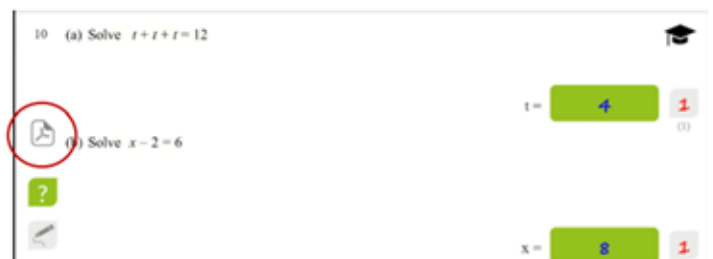
The question mark icon will give you extra hints on how to tackle the question. You will pick up extra method marks if you interact correctly with our clues and your inputs will also turn green.

The teacher hat icon provides a short tutorial or some key facts. (You will need to click to move through the animation or select the cross to close it).


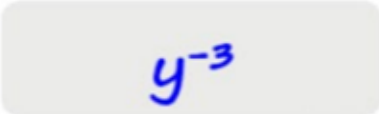








If you feel you need additional practice on a specific topic, there are two ways to explore it in more depth. If you want to stay online, you can use the filters at the top of your dashboard to find questions from other tests on the same topic. If these have been released by your teacher, you can click on them, have a go, and then return to the dashboard to find another question.

If you want to do some work on paper, you can download the PDF document that is linked to each question. This contains a whole booklet of examples to give you further practice on that skill. They increase in difficulty as you work through them and you will find a set of solutions at the end to check your answers.



On some questions you might be expected to enter more complex mathematical symbols. We have created some simple shortcut keys to allow you to do this.

	Keyboard		Ipad
	x#2	or	x@2
	y#-#3	or	y@-@3
	z#1#4	or	z@1@4
	#r	or	@r
	#p	or	@p
		use to replace ÷	
		>=	
	#c	or	@c