**2022** national curriculum tests



# **Mathematics**

# Paper 1: arithmetic

First name	Joe					
Middle name						
Last name	King					
Date of birth	Day	27	Month	11	Year	12
School name	St Hu	ubert's				
DfE number	000/0	0000				



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# Instructions

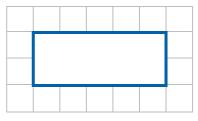
You **must not** use a calculator to answer any questions in this test.

#### **Questions and answers**

You have **30 minutes** to complete this test.

Work as quickly and as carefully as you can.

Put your answer in the box for each question.



All answers should be given as a single value.

For questions expressed as common fractions or mixed numbers, you should give your answer as a common fraction, a mixed number or a whole number as appropriate.

If you cannot do a question, **go on to the next one**. You can come back to it later, if you have time.

If you finish before the end, go back and check your work.

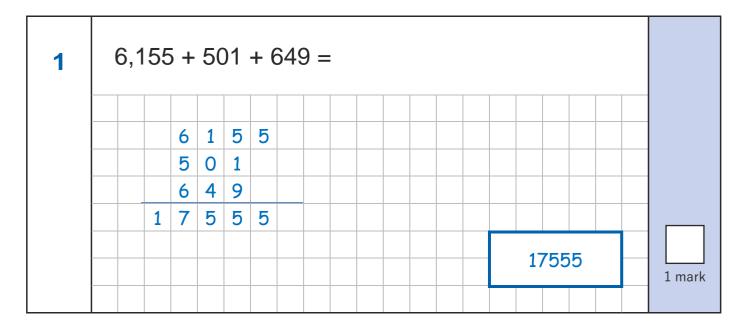
#### Marks

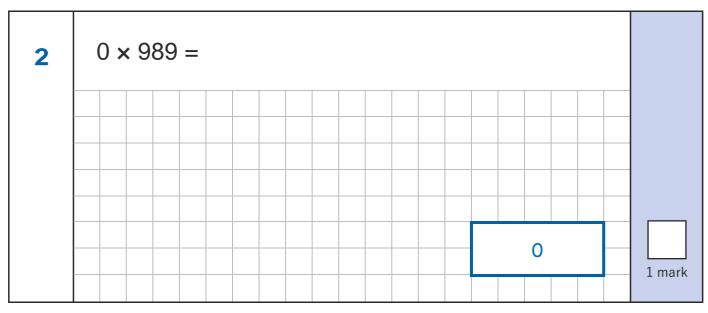
The number under each box at the side of the page tells you the number of marks available for each question.

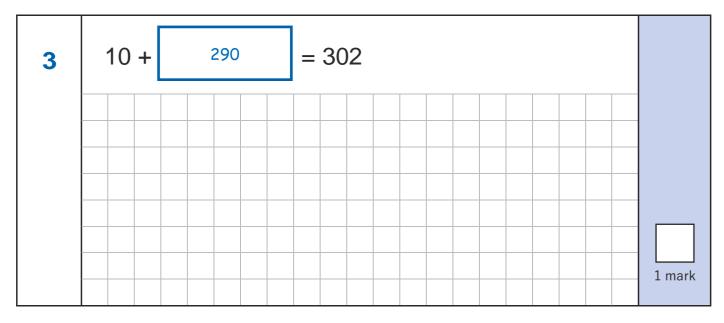
In this test, long division and long multiplication questions are worth **2 marks each**. You will be awarded **2** marks for a correct answer. You may get **1** mark for showing a formal method.

All other questions are worth **1 mark each**.



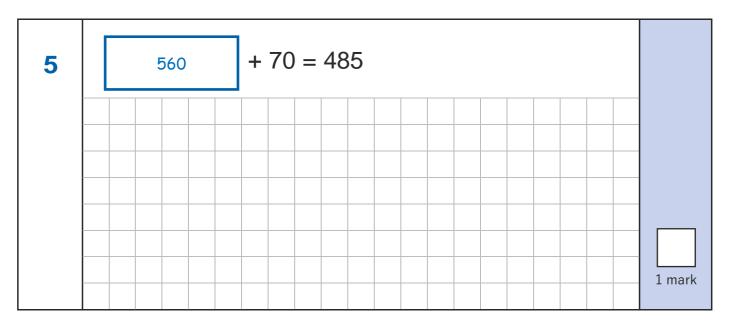


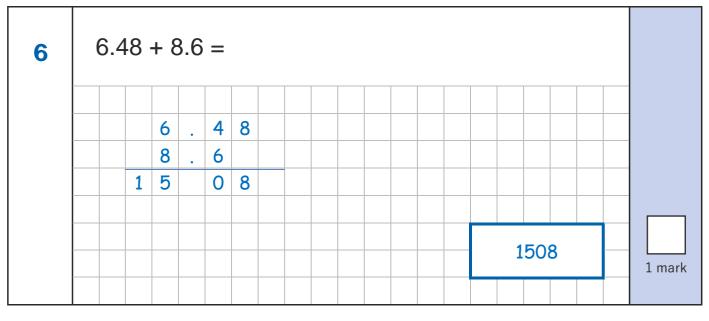






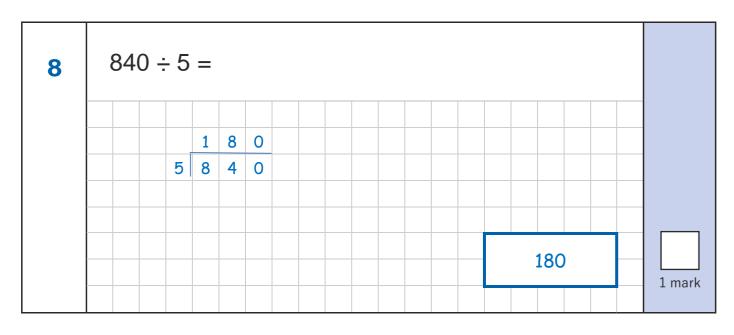
4	2,400 ÷ 2 =	
	1200	
		1 mark

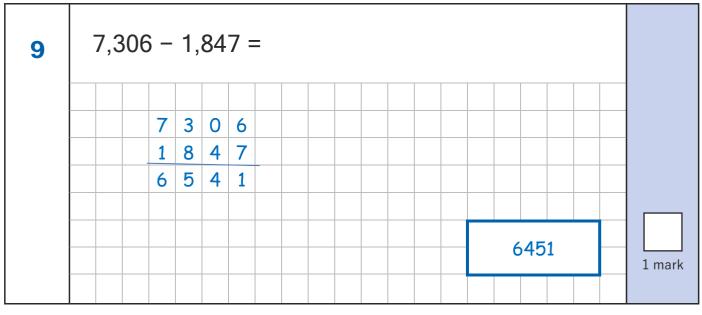






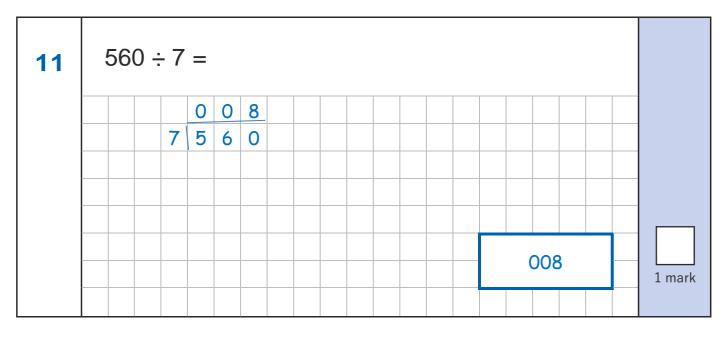
7		2	248		=	24	0 -	÷ 8	3						
															1 mark

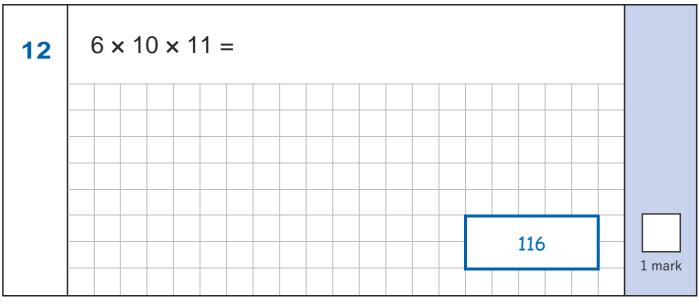






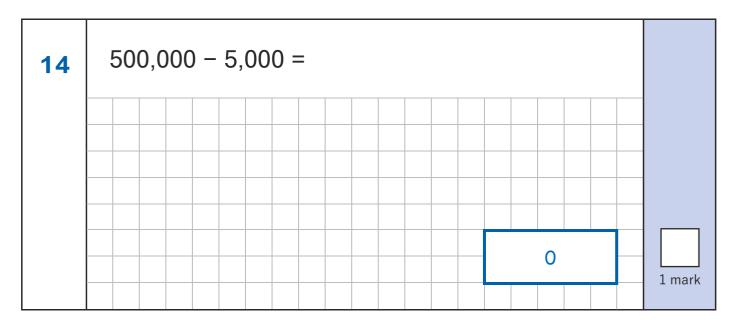
10	1,010 × 10 =	
	10100	mark







13	1,(	080	)÷	9	_											
				1	0	9	r	1								
		9	1	0	8	0										
												1(	09r	1		1 mark
																THIGIK



15				=	59	6 >	× 7	•							
								5	9	6					
							x			7					
							4	1	3	2					
															1 mark



16	2	.12	÷ 1	0 :	_										
											21.2	)			
											 C1.C	-		1 mark	

17	 			1	1	2								
	 2	1	6	7	2									
		_	2	1										
			4	6	2									
			2	1	0									
Show			2	5	2									
your			2	1	0									
method				4	2									
				4	2							110		
												112		2 marks
														2 110110

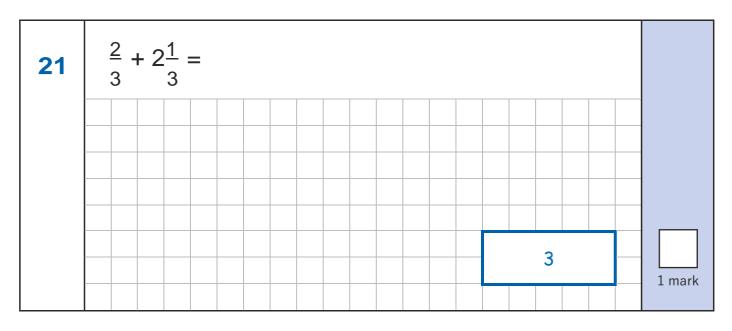


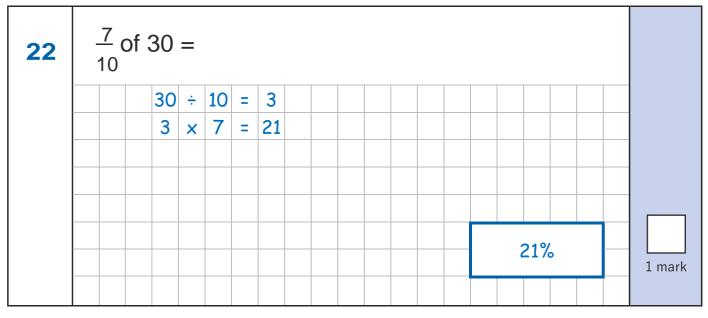
18	$\frac{4}{9} + \frac{2}{3} =$	
		mark

19	×		6	0 8	7 3									
		1	8	2	1									
ĺ		4	8	5	6									
		6	6	7	7									
Show your										 				
method														
										e	67	7		2 marks
														2 marks



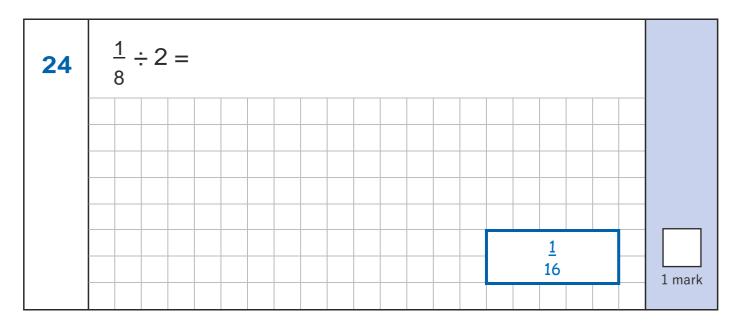
20	13.05 × 1,000 =	
		mark
		mant

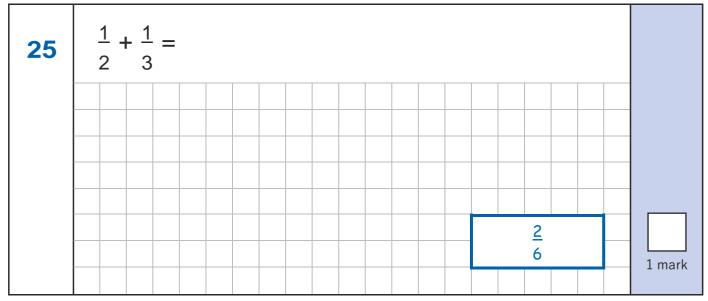






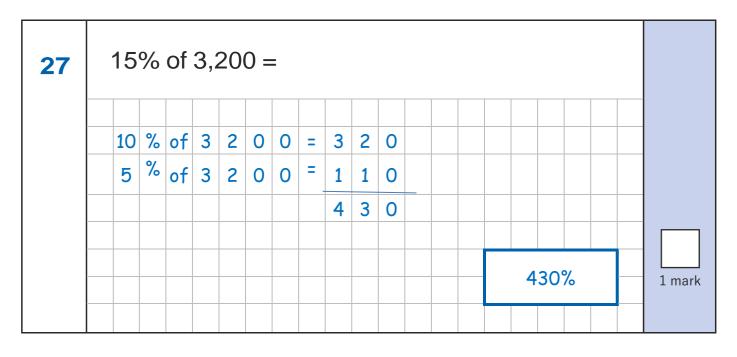
23	8 - 5.123 =	
		_
	3.877	
		nark







26	26 - 2.012 =	
	28.012	1 mark



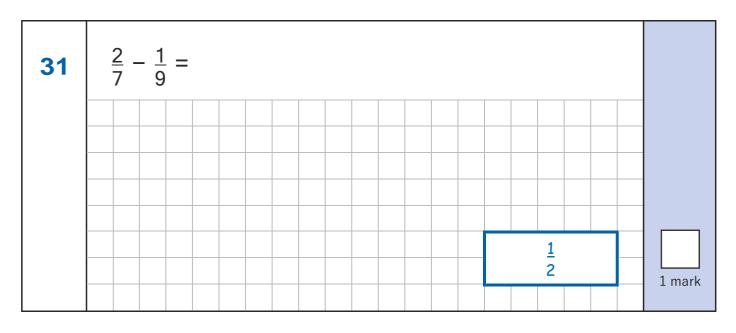


28	2% of 3,000 =	
	600 1	mark

	 				_		_		10		 	 				 	
29			0	0	5	5	5	r	18								
	7	3	3	0	6	6											
			3	6	5												
Í				6	1	6											
ĺ				3	6	5											
Show				3	5	1											
your				3	6	5											
method			-		1	8											
													55	5 <b>5</b> r	18		2 marks



30	8	0%	6 of	<sup>:</sup> 11	5	_												
		1 (	) %	of	1	1	5	=	1	1	•	5						
		1	1.	5	×	8	=	8	8	•	4							
															88.4	4		
																		1 mark



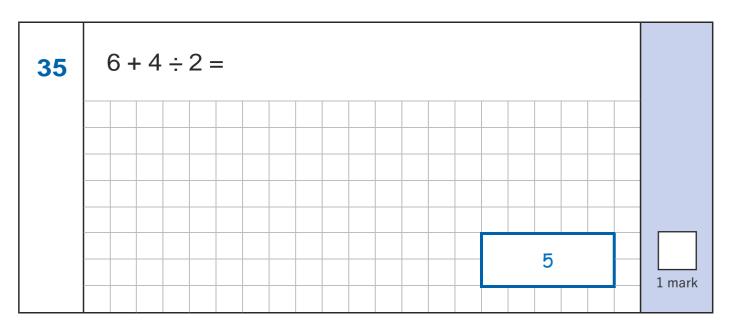


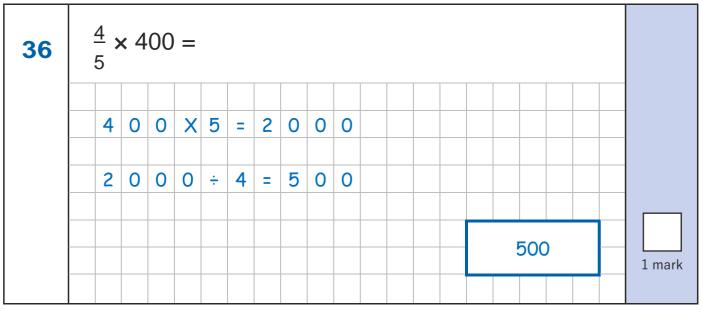
32	$2\frac{1}{2} - \frac{2}{3} =$	
		mark

33	 		4	0	7	8	 								
	×				6	7									
		2	8	5	4	6									
	2	4	4	6	8	0									
	2	6	2	1	2	6									
Show															
your															
method															
											26	5212	26		2 marks
															2



34	1(	0 – 1	2 <u>1</u> 4	=								
										<b>o</b> 3		
										8 <u>3</u>		 L 1 mark







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