2016 national curriculum tests

Key stage 2

Mathematics

Paper 1: arithmetic

First name			:	
Middle name				
Last name				٠.
Date of birth	Day	Month	Year	
School name				
DfE number				

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Instructions

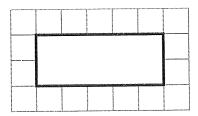
You may not use a calculator to answer any questions in this test.

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 answers as common fractions or mixed numbers.

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.

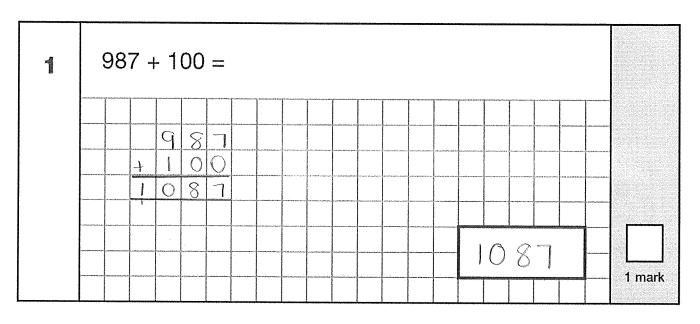
Marks

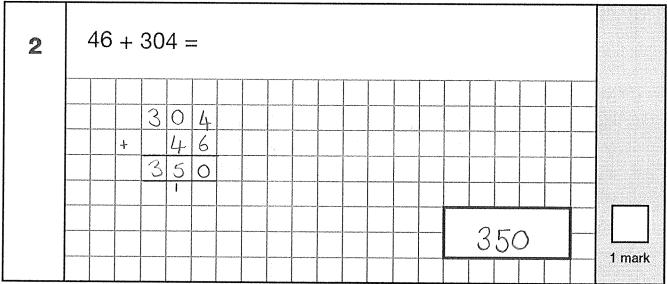
The number under each box at the side of the page tells you the maximum number of marks for each question.

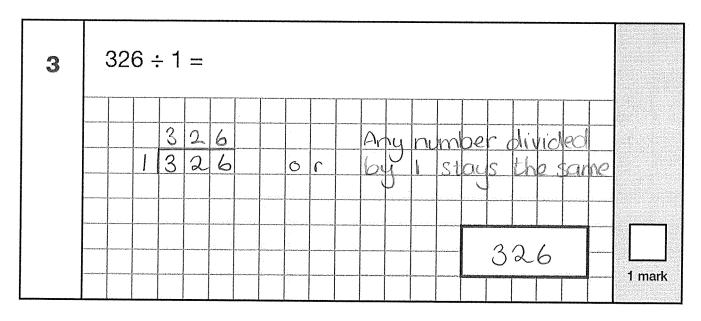
In this test, long division and long multiplication questions are worth **TWO marks each**. You will be awarded **TWO** marks for a correct answer. You may get **ONE** mark for showing a formal method.

All other questions are worth ONE mark each.

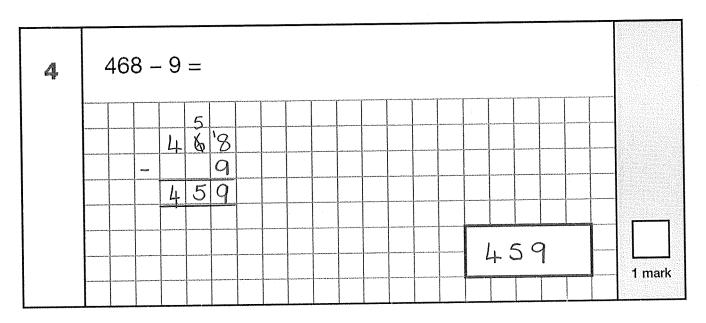
If you finish before the end, go back and check your work.

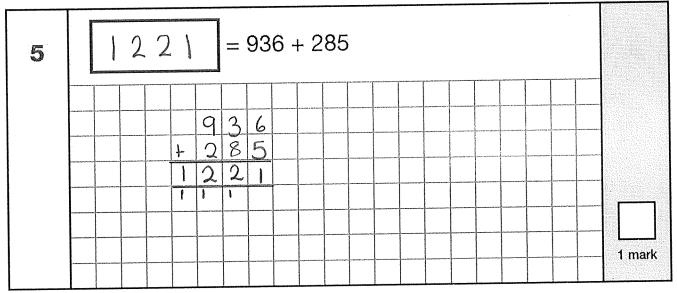


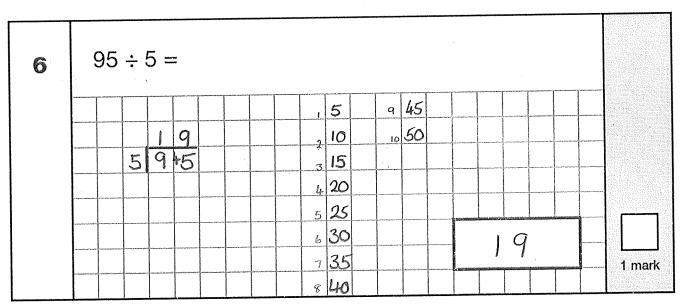


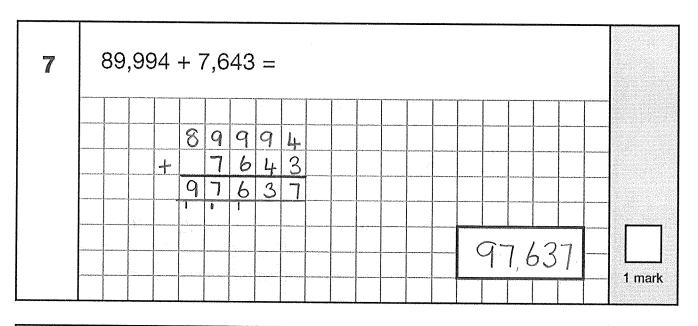


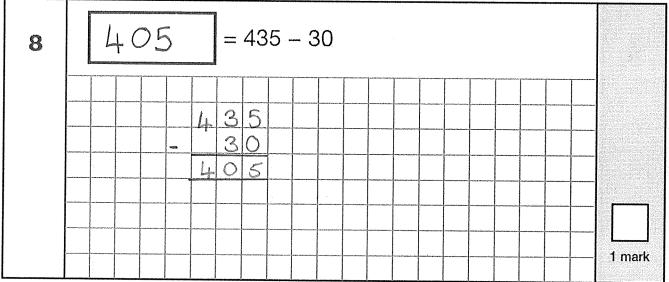


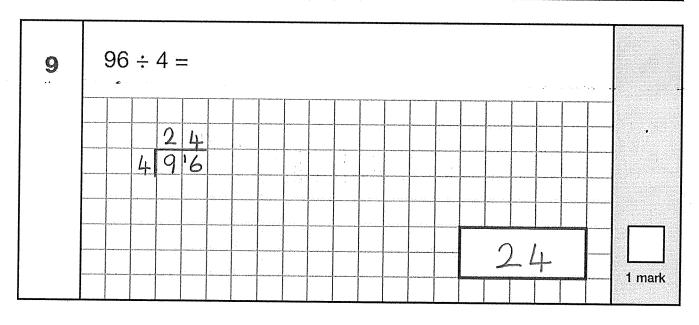


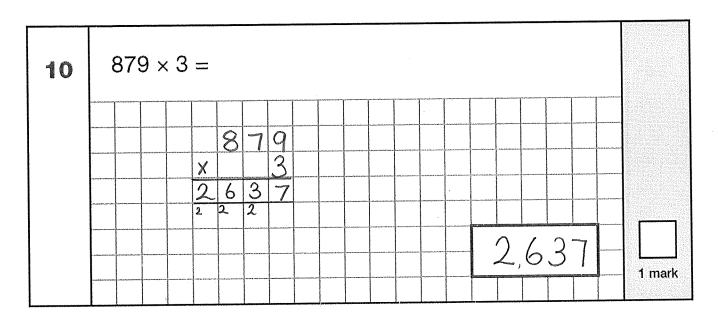


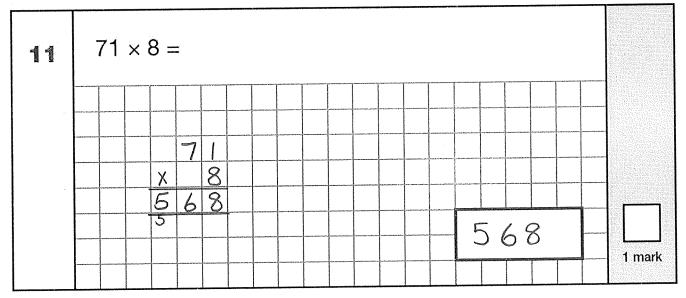


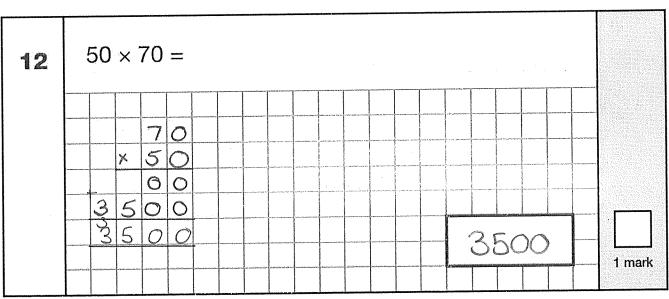


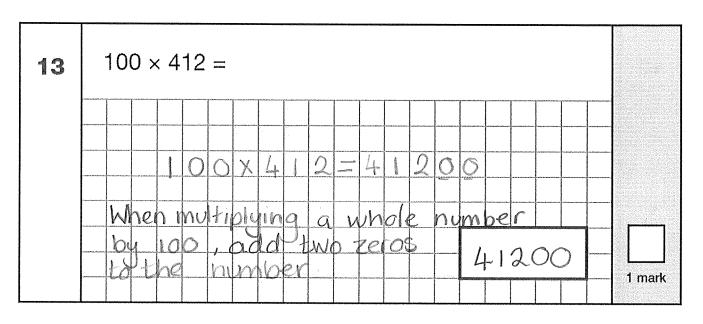


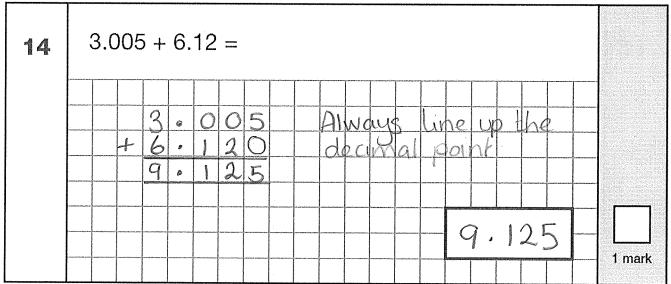


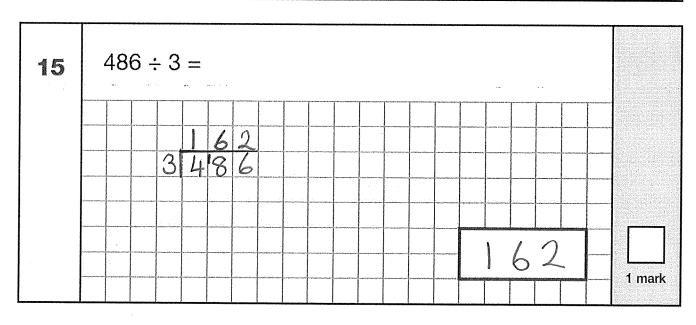


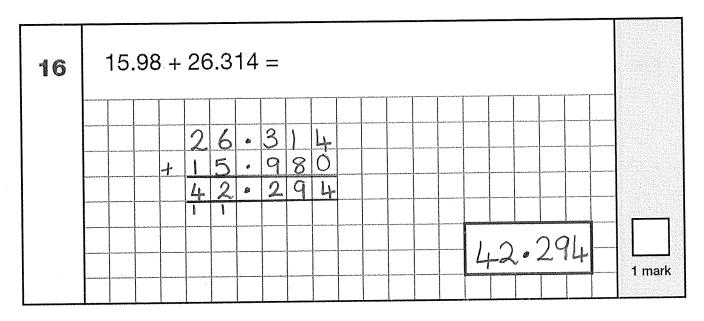


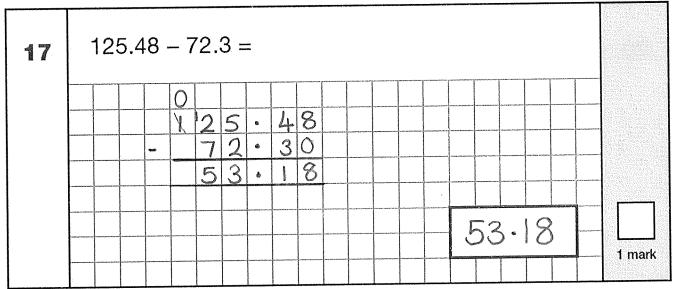




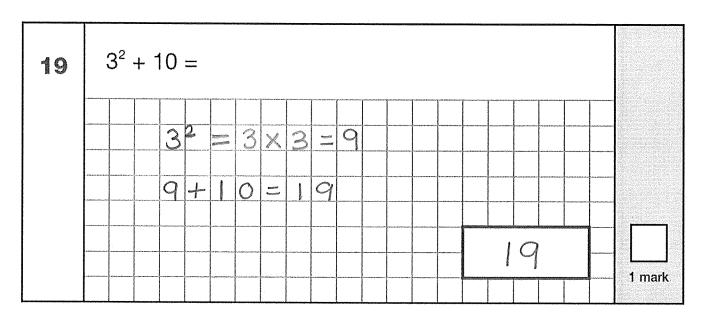


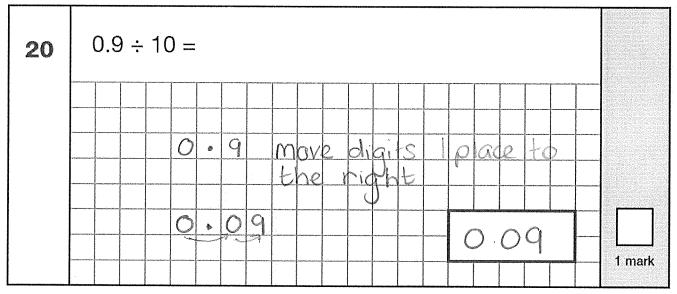


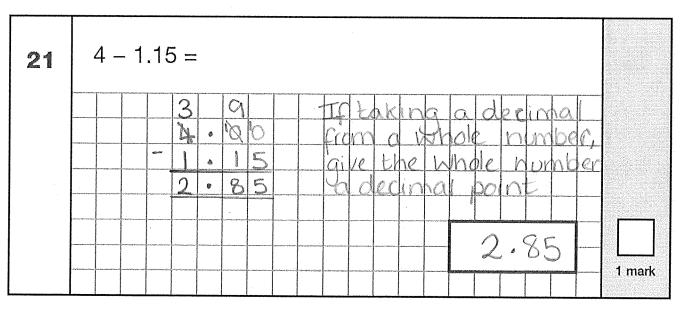




18	122,456 - 11,999 =	
	122456 -11999	
	110457	1 mark

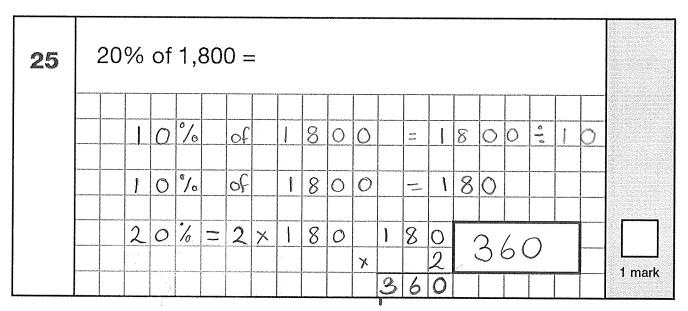


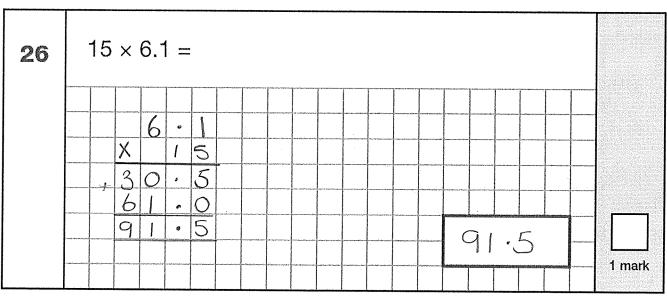




22	1,320 ÷ 12 =																				
			2		1 3 2 1	1 2 1 2 0	0		2 3 4 5 6 7 8	4678	802	12		0 2 3 4	8 0 2 4			1 (3		1 mark
23		×			7	1			Re	2.55	\er	ф	20		20	US	Je.		re		
Show your method		1	2 3	482	246	STATES OF THE PARTY OF T	<i>L'</i>		N	erc he he	<u> </u>	as) lu	a It				2 (lo v		2 marks

24	$\frac{4}{7} + \frac{5}{7} =$	
	$\frac{4}{7} + \frac{5}{7} = \frac{9}{7}$ or $\frac{2}{7}$	
		1 mark





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27	<u>3</u>	3 -	- - 2	1 =														4	
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		>	6 20	Notice:	1 20		5,2		<u>5</u> 20		14					L			1 mark
					***************************************							2	9						
28		2	9	0 76 7		5						5	876	3					
				5	8 4	5					American	4	5	5					
Show your method																			
					ļ								-	-		2	-5		_

29	15% × 440 =	
	10% of 440=44 5% of 440=22	
	4 4 4 + 2 2 66	1 mark
30	6 5 7 4 × 3 1	
Show your method	+ 1 9 7 2 2 0 2 0 3 7 9 4 2 0 3 7 9 4 2 0 3 7 9 4	
-		marks

31	 1 <u>4</u> 5	+	<u>3</u> 10	-													
	5		4 5 8 10	2+ +	3 10		11) [2	1	5		1 mark
32	4	3	1	1	2	68			Description	482	369	1 2 3					
Show your method			-	8 2	6 5	80			1 2 2	7 5	2 5 8	5 6		20			2 marks

33	$\frac{3}{5} \div 3 =$	
	3 · 3 - 3 × 1 - 3 - 1 5 · 3 - 5 × 3	
	步	1 mark

34	$\frac{2}{5} \times 140 =$	
	2 x 1 40 = 280 5 1 56 5 280 5 56	1 mark

35	$1\frac{1}{4} - \frac{1}{3} =$	
	$\frac{1}{4}$ $\frac{1}{4}$ $\frac{3}{3}$ $\frac{4}{4}$ $\frac{3}{12}$ $\frac{4}{12}$ $\frac{1}{12}$ $\frac{1}{12}$ $\frac{1}{12}$	
	15 4 - 11 12	1 mark

36	60	- 42	÷ 6 =					·		
						6	Bop	MAS		
	16	0-	42	100	>	12			ann an Annaean Chaidean An Aidean (An An	
						18	Remen	ober to	œ	
	76	0 -	7 =	5 3	3	24	the one	declos		- 0-
						30	opera	tians		
						36		53		
						42				1 mark
						48				

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Paper 1: arithmetic

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