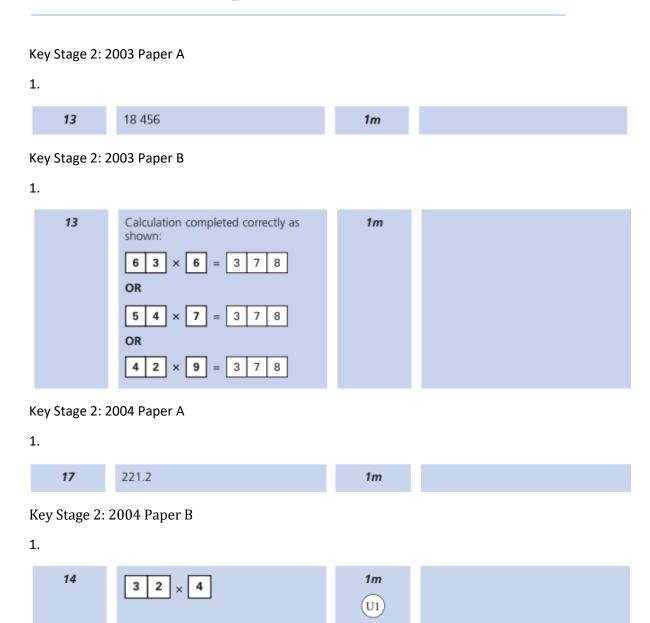
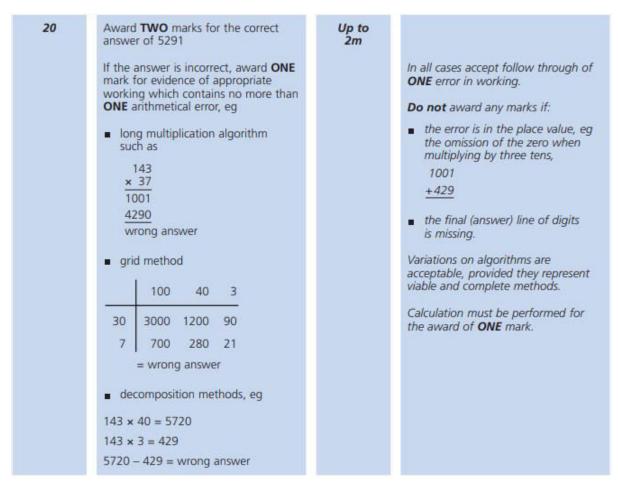
Written Multiplication- Answers



Key Stage 2: 2005 Paper A

1.



Key Stage 2: 2005 Paper B

1.



Key Stage 2: 2007 Paper A

1.

11 340 **1m**

Key Stage 2: 2008 Paper A

|--|

Key Stage 2: 2009 Paper A

1.

19 Award TWO marks for the correct answer of 34314 If the answer is incorrect, award ONE mark for evidence of appropriate working which contains no more than ONE arithmetical error, eg: Iong multiplication algorithm, eg 602 × 57 30100 4214 wrong answer grid method, eg 600 2 50 30000 100 4200 14 = wrong answer partitioning method, eg 602 × 10 = 6020 $602 \times 20 = 12040$ 602 × 20 = 12040 $602 \times 7 = 4214$ wrong answer

In all cases accept follow-through of **ONE** error in working.

Do not award any marks if:

Up to 2m

 the error is in the place value, eg the omission of the zero when multiplying by five tens, eg

■ the final (answer) line of digits is missing.

Variations on algorithms are acceptable, provided they represent viable and complete methods.

Working must be carried through to reach an answer for the award of **ONE** mark.

Key Stage 2: 2010 Paper A

|--|

18 Award TWO marks for the correct answer Up to 2m If the answer is incorrect, award ONE mark for In all cases accept follow through of ONE error in evidence of appropriate working which contains working. no more than ONE arithmetical error, eg: Do not award any marks if: long multiplication algorithm, eg ■ the error is in the place value, eg the omission 560 of the zero when multiplying by two tens, eg × 28 560 11200 × 28 4480 1120 wrong answer 4480 wrong answer grid method, eg 500 the final (answer) line of digits is missing. 20 10000 1200 Variations on algorithms are acceptable, provided 8 4000 480 they represent viable and complete methods. = wrong answer Working must be carried through to reach an partitioning method, eg answer for the award of ONE mark. 560 × 10 = 5600 $560 \times 10 = 5600$ $560 \times 8 = 4480$ wrong answer ■ factorisation method, eg $560 \times 7 = 3920$ $3920 \times 4 = wrong answer$

Key Stage 2: 2012 Paper B

1.

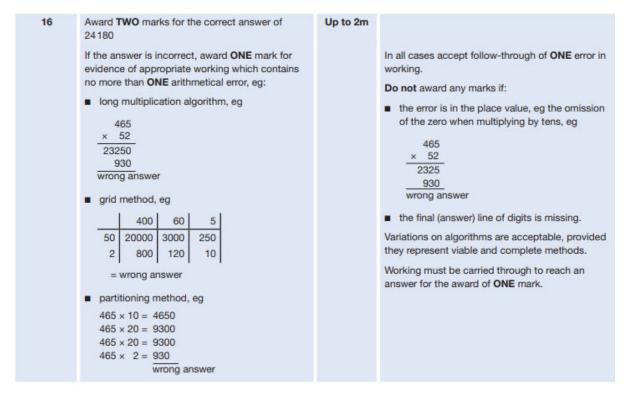


Key Stage 2: 2013 Paper A



Key Stage 2: 2014 Paper A

1.



Key Stage 2: 2015 Paper A

14	83.6	1m

Qu	Requirement	Mark	Additional guidance
4	Award TWO marks for the correct answer of 35640 If the answer is incorrect award ONE mark for evidence of using the formal method of long multiplication which contains no more than one arithmetical error, eg: 2376 × 15 11880 23760 wrong answer	Up to 2 marks	Working must be carried through to reach an answer for the award of ONE mark. In all cases accept follow-through of ONE error in working. Do not award any marks if: The error is in the place value, eg by omission of the zero when multiplying by tens eg: 2376 × 15 11880 2376 wrong answer The final (answer) line of digits is missing

Key Stage 2: 2016 Paper 1 Arithmetic - Sample

1.

1				
	2	246	1m	

Key Stage 2: 2016 Paper 1 Arithmetic - Sample

2.

4	72	1m	

Key Stage 2: 2016 Paper 1 Arithmetic - Sample

3.

ı				
	9	140	1m	

Key Stage 2: 2016 Paper 1 Arithmetic - Sample

12	128	1m	

- 1		The state of the s		
	15	10 000	1m	

Key Stage 2: 2016 Paper 1 Arithmetic - Sample

6.

_				
				1
	18	9 12	1m	1
- 1		3.12		

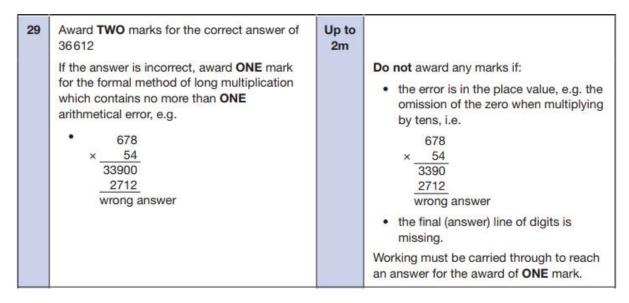
Key Stage 2: 2016 Paper 1 Arithmetic - Sample

7.

Award TWO marks for the correct answer of 1242 If the answer is incorrect, award ONE mark for the formal method of long multiplication which contains no more than ONE arithmetical error, e.g. 54 × 23 162 1080 wrong answer	Up to 2m	• the error is in the place value, e.g. the omission of the zero when multiplying by tens: 54 × 23 162 108 wrong answer • the final (answer) line of digits is missing. Working must be carried through to reach an answer for the award of ONE mark.
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Question 23 commentary: Two marks are awarded for the correct answer. However, if the answer is incorrect, one mark can only be awarded if the pupil has used the formal method of long multiplication.

Key Stage 2: 2016 Paper 1 Arithmetic - Sample



Key Stage 2: 2016 Paper 2 Reasoning - Sample

1.

10	Award TWO marks for both digits correct, as shown:	Up to 2m	
	4 1 × 2 6 2 4 6		
	8 2 0 1 0 6 6		
	If the answer is incorrect, award ONE mark for one digit correct.		

Key Stage 2: 2016 Paper 1 Arithmetic

1.

-				
- 1		0.007		
- 1	10	2.637	1m	
- 1		2,007		
- 1				

Key Stage 2: 2016 Paper 1 Arithmetic

2.

11	568	1m	

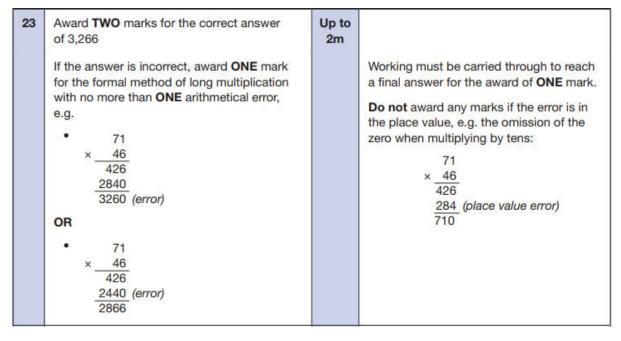
Key Stage 2: 2016 Paper 1 Arithmetic

3.

12	3.500	1m	
12	3,300	"""	

Key Stage 2: 2016 Paper 1 Arithmetic

13	41,200	1m	



Key Stage 2: 2016 Paper 1 Arithmetic

26	91.5	1m	

30 Award TWO marks for the correct answer Up to of 203,794 2m If the answer is incorrect, award ONE mark Working must be carried through to reach for the formal method of long multiplication a final answer for the award of ONE mark. with no more than ONE arithmetical error, Do not award any marks if the error is in e.g. the place value, e.g. the omission of the 6574 zero when multiplying by tens: 31 6574 × 31 143790 (error) 6574 150364 19722 (place value error) 26296 OR 6574 31 6574 197220 193794 (error)

Key Stage 2: 2016 Paper 3 Reasoning

1.

19	Numbers circled as shown:		1m	Accept alternative unambiguous positive
	200 2,000 5,000	50,000		indications, e.g. numbers ticked or underlined.

Key Stage 2: 2017 Paper 1 Arithmetic

1.

8	264	1m	

Key Stage 2: 2017 Paper 1 Arithmetic

2.

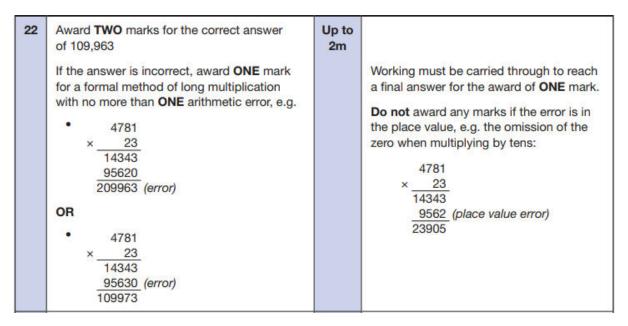
10	668	1m	

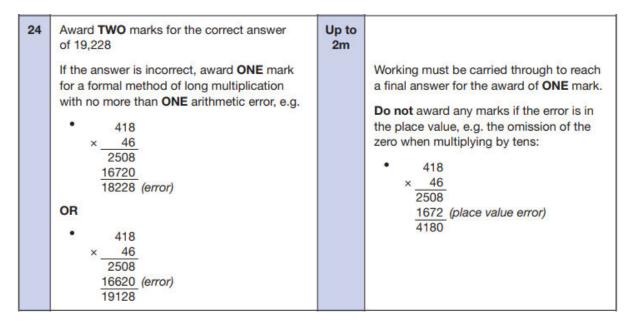
Key Stage 2: 2017 Paper 1 Arithmetic

16	1,200	1m	

19 2,345,000	1m	
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Key Stage 2: 2017 Paper 1 Arithmetic





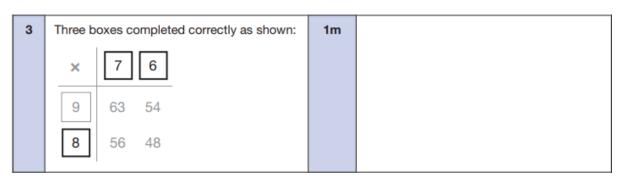
Key Stage 2: 2017 Paper 1 Arithmetic

7.

33 180	1m	
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Key Stage 2: 2017 Paper 2 Reasoning

1.



Key Stage 2: 2018 Paper 1 Arithmetic

1.

	3	90	1m	
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Key Stage 2: 2018 Paper 1 Arithmetic

6	200	1m	

20 Up to Award TWO marks for the correct answer of 18,055 2m If the answer is incorrect, award ONE mark Working must be carried through to reach for a formal method of long multiplication a final answer for the award of ONE mark. with no more than ONE arithmetic error, e.g. Do not award any marks if the error is in 785 the place value, e.g. the omission of the 23 zero when multiplying by tens: 2355 785 15700 23 18155 (error) 2355 OR 1570 (place value error) 3925 785 23 2345 (error) 15700 18045

Key Stage 2: 2018 Paper 1 Arithmetic

4.

23	14	1m	

Key Stage 2: 2018 Paper 1 Arithmetic

27	117	1m	

29 Award TWO marks for the correct answer Up to of 465,518 2m If the answer is incorrect, award ONE mark Working must be carried through to reach for the formal method of long multiplication a final answer for the award of ONE mark. with no more than ONE arithmetic error, e.g. Do not award any marks if the error is in the place value, e.g. the omission of the 5413 zero when multiplying by tens: 86 32478 5413 433040 86 465438 (error) 32478 OR 43304 (place value error) 75782 5413 86 32478 423040 (error) 455518

Key Stage 2: 2019 Paper 1 Arithmetic

1.

5	369	1m	
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Key Stage 2: 2019 Paper 1 Arithmetic

2.

9	0	1m	

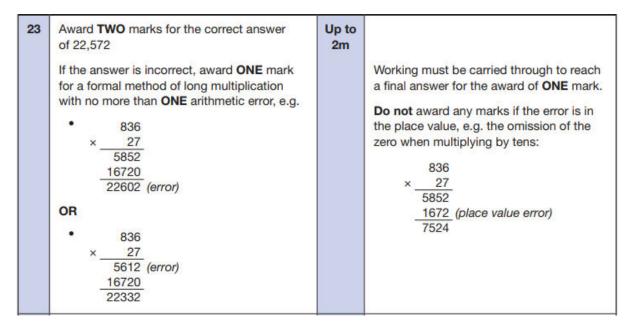
Key Stage 2: 2019 Paper 1 Arithmetic

3.



Key Stage 2: 2019 Paper 1 Arithmetic

17	101,000	1m	



Key Stage 2: 2019 Paper 1 Arithmetic

30	Award TWO marks for the correct answer of 215,016	Up to 2m	
	If the answer is incorrect, award ONE mark for the formal method of long multiplication with no more than ONE arithmetic error, e.g. $ \begin{array}{c} \bullet & 3468 \\ \times & \underline{62} \\ \hline 6936 \\ \underline{208080} \\ 214016 \ (error) \\ \end{array} $ OR $ \begin{array}{c} \bullet & 3468 \\ \times & \underline{62} \\ \hline 6934 \ (error) \\ \underline{208080} \\ \hline 215014 \\ \end{array} $		Working must be carried through to reach a final answer for the award of ONE mark Do not award any marks if the error is in the place value, e.g. the omission of the zero when multiplying by tens: 3468 × 62 6936 20808 (place value error) 27744

1	Award as sho		mark fo	or three	corre	ct answ	ers,	1m			
		4	×	8	=	32					
		×		×							
		3	×	7	=	21					
		=		=							
		12		56							