# **Rounding Numbers - Answers**

## Key Stage 2: 2003 Paper A

 1.

 4
 Two numbers circled as shown:

 84
 87
 72
 76
 90

 1m
 Do not award the mark if additional incorrect numbers are circled.

 Accept alternative unambiguous indications, eg ticks, numbers crossed or underlined.

# Key Stage 2: 2006 Paper B

## 1.

20	Award <b>TWO</b> marks for all three numbers in order as shown:	Up to 2m	Do not accept 129.0 OR 7492.0 OR 51.0 OR any other equivalent answers with zeroes after the decimal point.
	129		with zeroes after the decimal point.
	AND		
	7492		
	AND		
	51		
	If the answer is incorrect, award <b>ONE</b> mark for two out of three numbers correct.		

## Key Stage 2: 2009 Paper B

#### 1.

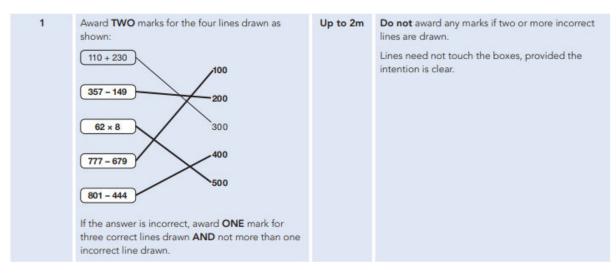


## Key Stage 2: 2010 Paper A

1.				
	2	23 AND 33	1m (U1)	Numbers may be given in either order.

# Key Stage 2: 2010 Paper B

#### 1.



# Key Stage 2: 2012 Paper A L6

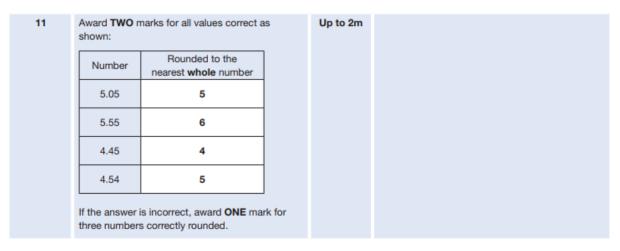
1m✓ Minimally acceptable explanation, eg: $(U1)$ • 51 rounds to 50 and 100 • 54 $\rightarrow$ 50 and 54 $\rightarrow$ 100 • 50 rounds to 100 • 0 rounds to 0×Incomplete or incorrect explanation, eg:•They used 51 • 50 x 2 = 100 • They could use between 50 and 55, which

Key Stage 2: 2012 Paper A

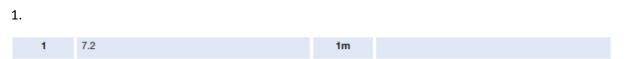
Award <b>TWO</b> mashown:	arks for three numbe	rs correct as	Up to 2m		
	rounded to the nearest hundred				
316	300				
3162	3200				
31628	31600				
316281	316300				

# Key Stage 2: 2013 Paper A

#### 1.



# Key Stage 2: 2013 Paper B



## Key Stage 2: 2014 Paper B L6

#### 1.

9	Gives two numbers which differ by 1, the lower of which is in the range 2.5 to 2.5823 <b>exclusive</b> , eg:	2m	✓ Numbers may be given in either ord
	• 2.55 and 3.55		
		or	
	Gives at least one number in the range	1m	
	2.5 to 2.5823 exclusive		
	or		
	3.5 to 3.5823 exclusive		

## Key Stage 2: 2015 Paper A

1.

2	Number circled as shown: 525 (491) 511 408 550	1m	Accept alternative unambiguous indications, eg number ticked, crossed or underlined.
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## Key Stage 2: 2015 Paper B

18	Number circled as shown:	1m	Accept alternative unambiguous indications, eg
	19.95 20.1 19.09 20.09 20.201		number ticked, crossed or underlined.

# Key Stage 2: 2016 Paper 2 Reasoning - Sample

1.

14	Award <b>TWO</b> marks for all three numbers correctly rounded:	Up to 2m	
	120 000		
	125000		
	124500		
	If the answer is incorrect, award <b>ONE</b> mark for any two numbers correctly rounded.		

# Key Stage 2: 2016 Paper 3 Reasoning - Sample

# 1.

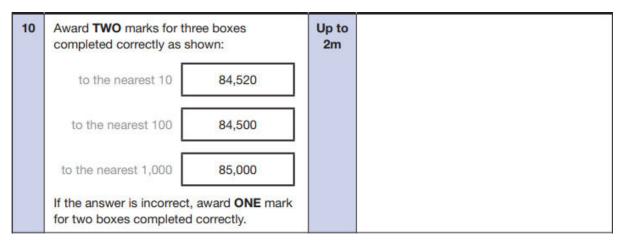
3a	4	1m	Do not accept four OR 400				
Зb	6	1m	<b>Do not</b> accept six <b>OR</b> $\frac{6}{100}$				
	Question 3 commentary: This question assesses place value in whole numbers up to 1 000 000 (5N3a) and in decimals (5F6b).						

# Key Stage 2: 2016 Paper 3 Reasoning

15	Award <b>TWO</b> marks for three boxes completed correctly as shown:			
	Rounded to nearest hundred			
	20,906 20,900			
	2,090.6 2,100 209.06 200			
	If the answer is incorre for two boxes correct.	ct, award <b>ONE</b> mark		

#### Key Stage 2: 2017 Paper 2 Reasoning

#### 1.



#### Key Stage 2: 2018 Paper 2 Reasoning

#### 1.

19	Third box only ticked correctly, as shown:	1m	Accept alternative unambiguous positive
	3 – 2 + 2		indication of the correct answer, e.g. Y.
	4 – 2 + 1		
	4 - 2 + 2		
	3 – 2 + 1		

## Key Stage 2: 2019 Paper 2 Reasoning

14	Award <b>TWO</b> marks for the correct completion of the three numbers in the table, as shown:			Up to 2m	<b>Do not</b> accept 9,000 or 500 for the second and third entries.
		Round 39,476			
	to the nearest 10,000	40,000			
	to the nearest 1,000	39,000			
	to the nearest 100	39,500			
	If the answer is in mark for <b>any two</b> correctly.				

# Key Stage 2: 2019 Paper 3 Reasoning

<b>2</b> a	7	1m	Do not accept 70,000 or 70 thousands.
2b	4,000,000	1m	Accept 4 million or four million <b>Do not</b> accept the answer 4