

Name:



Maths Assessment Year 4 Term 2: Number and Place Value

1. Count in multiples of 6, 7, 9, 25 and 1000; find 1000 more or less than a given number.
2. Find 1000 more or less than a given number.
3. Count backwards through zero to include negative numbers.
4. Recognise the place value of each digit in a four digit number.
5. Order and compare numbers beyond 1000.
6. Identify, represent and estimate numbers using different representations. Read and write numbers up to 1000 in numerals and in words.
7. Round any number to the nearest 10, 100 or 1000.
8. Solve number and practical problems that involve all of the above and with increasingly large positive numbers.
9. Read Roman Numerals to 100.

Name:

Date:



Maths Assessment Year 4 Term 2: Number and Place Value

1. Count in multiples of 6, 7, 9, 25 and 1000; find 1000 more or less than a given number.

Fill in the missing boxes:

60	54			36		
----	----	--	--	----	--	--

		28	35			56
--	--	----	----	--	--	----

25			100	125		
----	--	--	-----	-----	--	--

81	72				36	
----	----	--	--	--	----	--

4 marks

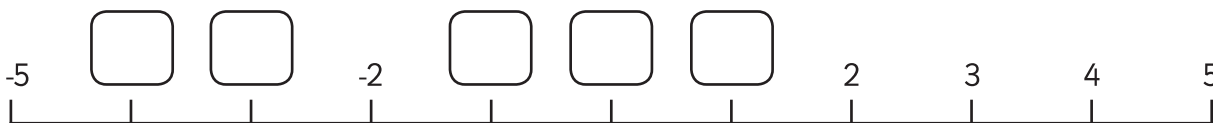
2. Find 1000 more or less than a given number.

1000 less		1000 more
	3913	
	35 024	

2 marks

3. Count backwards through zero to include negative numbers.

a) Complete the number line.



2 marks

b) Continue counting backwards in steps of 5.

15	10	5			
----	----	---	--	--	--

1 mark

Total for this page

c) Fill in the missing boxes.

Number in digits	Number in words
492	
	One thousand and seventy
2085	
	Seven thousand, two hundred and twelve
17 201	

5 marks

7. Round any number to the nearest 10, 100 or 1000.

a) Ring the numbers that when rounded to the nearest 10, give the answer 310.

314

304

305

341

311

315

3 marks

b) Round these numbers to the nearest 100.

274	
4065	
13 950	

3 marks

c) These numbers have been rounded to the nearest 1000. Tick if correct, put a cross if incorrect. One has been done for you.

21 862	21 000	x
32 098	32 000	
45 783	46 000	
100 764	100 000	

3 marks

Total for this page

8. Solve number and practical problems that involve all of the above and with increasingly large positive numbers.

Here is a list of the population of some of towns in County Durham.

- a) Complete the table by rounding each population to the nearest 1000 people.

Name of Town	Population	Rounded to the nearest 1000 people
Willington	6633	
Brandon	9566	
Chilton	3744	
Murton	7413	
Easington	7193	

- b) Order the towns from the largest population to the smallest.

largest population	
↓	
smallest population	

- c) How would the answer in part b) above change if the rounded figures were used to order the towns by population.



5 marks



1 mark



1 mark



Total for this page

9. Read Roman numerals to 100.

a) Order these Roman numerals

XV VI XX IX

--	--	--	--

smallest

largest

b) What numbers do these Roman numerals represent?

XXX	
LIX	
XC	
LXXIV	
VIII	

c) Write these numbers in Roman numerals.

12	
31	
68	
80	



2 marks

5 marks

4 marks

Total for this page

Answer Sheet: Maths Assessment Year 4 Term 2: Number and Place Value



question	answer	marks	notes																												
1. Count in multiples of 6, 7, 9, 25 and 1000.																															
	<table border="1"> <tr> <td>60</td> <td>54</td> <td>48</td> <td>42</td> <td>36</td> <td>30</td> <td>24</td> </tr> <tr> <td>14</td> <td>21</td> <td>28</td> <td>35</td> <td>42</td> <td>49</td> <td>56</td> </tr> <tr> <td>25</td> <td>50</td> <td>75</td> <td>100</td> <td>125</td> <td>150</td> <td>175</td> </tr> <tr> <td>81</td> <td>72</td> <td>63</td> <td>54</td> <td>45</td> <td>36</td> <td>27</td> </tr> </table>	60	54	48	42	36	30	24	14	21	28	35	42	49	56	25	50	75	100	125	150	175	81	72	63	54	45	36	27	4	All 4 correct in a row for a mark.
60	54	48	42	36	30	24																									
14	21	28	35	42	49	56																									
25	50	75	100	125	150	175																									
81	72	63	54	45	36	27																									
2. Find 1000 more or less than a given number.																															
	<table border="1"> <tr> <td>1,000 less</td> <td></td> <td>1,000 more</td> </tr> <tr> <td>2913</td> <td>3913</td> <td>4913</td> </tr> <tr> <td>34 024</td> <td>35 024</td> <td>36 024</td> </tr> </table>	1,000 less		1,000 more	2913	3913	4913	34 024	35 024	36 024	2	Both answers on each row correct for 1 mark.																			
1,000 less		1,000 more																													
2913	3913	4913																													
34 024	35 024	36 024																													
3. Count backwards through zero to include negative numbers.																															
a	-4, -3, -1, 0, 1	2	2 marks for all 4 answers. 1 mark for 3 correct answers and no incorrect answers.																												
b	<table border="1"> <tr> <td>15</td> <td>10</td> <td>5</td> <td>0</td> <td>-5</td> <td>-10</td> </tr> </table>	15	10	5	0	-5	-10	1	All correct for mark.																						
15	10	5	0	-5	-10																										
4. Recognise the place value of each digit in a four digit number.																															
	<p>2389 1980 (1890)</p> <p>(4045) 5440 (4504)</p> <p>(6046) 4660 6064</p> <p>7370 (3747) 4077</p>	4																													
5. Order and compare numbers beyond 1000.																															
a	<table border="1"> <tr> <td>3623</td> <td>3632</td> <td>3980</td> <td>4038</td> <td>4672</td> <td>4762</td> </tr> </table>	3623	3632	3980	4038	4672	4762	1																							
3623	3632	3980	4038	4672	4762																										
b	<p>any number greater than 5,612</p> <p>3,481</p> <p>any number less than 11,609</p>	2	All to be correct to get 2 marks. Award 1 mark if one error.																												
6. Identify, represent and estimate numbers using different representations. Read and write numbers up to 1000 in numerals and words.																															
a	26-40 inclusive	2	1 mark of each correct answer, deduct 1 mark for an incorrect answer.																												
b	850-950																														

question	answer	marks	notes		
c	Number in digits	Number in words	5	When writing numbers in words, accept incorrect spellings as long as it can be decoded but don't accept just the digits written. e.g. three seven nine	
	492	Four hundred and ninety two			
	1070	One thousand and seventy			
	2085	Two thousand and eighty five			
	7212	Seven thousand, two hundred and twelve			
	17 201	Seventeen thousand, two hundred and one			
7. Round any number to the nearest 10, 100 or 1000.					
a	(314) 304 (305) 341 (311) 315	3	1 mark of each correct answer, deduct 1 mark for an incorrect answer.		
b	274	300	3	1 mark for each correct answer.	
	4065	4100			
	13 950	14 000			
c	21 862	21 000	x	3	
	32 098	32 000	✓		
	45 783	46 000	✓		
	100 764	100 000	x		
8. Solve number and practical problems that involve all of the above and with increasingly large positive numbers.					
a	Willington	6633	7000	5	1 mark for each correct answer.
	Brandon	9566	10 000		
	Chilton	3744	4000		
	Murton	7413	7000		
	Easington	7193	7000		
b	largest population	Brandon		1	Allow answers given as the numbers.
		Murton			
		Easington			
		Willington			
	smallest population	Chilton			
c	An answer that explains that as 3 of the towns are rounded to 7,000, they have an equal population.		1		

question	answer	marks	notes				
9. Read Roman numerals to 100.							
a	<table border="1" style="display: inline-table;"> <tr> <td style="width: 30px; height: 20px;">VI</td> <td style="width: 30px; height: 20px;">IX</td> <td style="width: 30px; height: 20px;">XV</td> <td style="width: 30px; height: 20px;">XX</td> </tr> </table>	VI	IX	XV	XX	2	2 marks for correct answer, 1 mark for at least two in the correct order.
VI	IX	XV	XX				
b	<table border="1" style="display: inline-table;"> <tr> <td style="width: 100px; height: 20px;">XXX</td> <td style="width: 50px; text-align: center;">30</td> </tr> </table>	XXX	30	5			
	XXX	30					
	<table border="1" style="display: inline-table;"> <tr> <td style="width: 100px; height: 20px;">LIX</td> <td style="width: 50px; text-align: center;">59</td> </tr> </table>	LIX	59				
	LIX	59					
	<table border="1" style="display: inline-table;"> <tr> <td style="width: 100px; height: 20px;">XC</td> <td style="width: 50px; text-align: center;">90</td> </tr> </table>	XC	90				
XC	90						
<table border="1" style="display: inline-table;"> <tr> <td style="width: 100px; height: 20px;">LXXIV</td> <td style="width: 50px; text-align: center;">74</td> </tr> </table>	LXXIV	74					
LXXIV	74						
<table border="1" style="display: inline-table;"> <tr> <td style="width: 100px; height: 20px;">VIII</td> <td style="width: 50px; text-align: center;">8</td> </tr> </table>	VIII	8					
VIII	8						
c	<table border="1" style="display: inline-table;"> <tr> <td style="width: 50px; height: 20px;">12</td> <td style="width: 100px; text-align: center;">XII</td> </tr> </table>	12	XII	4			
	12	XII					
	<table border="1" style="display: inline-table;"> <tr> <td style="width: 50px; height: 20px;">31</td> <td style="width: 100px; text-align: center;">XXXI</td> </tr> </table>	31	XXXI				
	31	XXXI					
<table border="1" style="display: inline-table;"> <tr> <td style="width: 50px; height: 20px;">68</td> <td style="width: 100px; text-align: center;">LXVIII</td> </tr> </table>	68	LXVIII					
68	LXVIII						
<table border="1" style="display: inline-table;"> <tr> <td style="width: 50px; height: 20px;">80</td> <td style="width: 100px; text-align: center;">LXXX</td> </tr> </table>	80	LXXX					
80	LXXX						
		Total 50					