

Name:



Maths Assessment Year 5 Term 2: Addition and Subtraction

1. Add and subtract numbers mentally with increasingly large numbers.
2. Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction).
3. Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy.
4. Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why.

Name:

Date:

Maths Assessment Year 5 Term 2: Addition and Subtraction

1. Add and subtract numbers mentally with increasingly large numbers.

Answer the questions your teacher reads out loud, just write the answer.

1		7	
2		8	
3		9	
4		10	
5		11	
6		12	

6 marks

2. Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction).

a) Add the following, using a column method; set your addition and answer in the box below:

$45\ 089 + 3902$	$213\ 062 + 92\ 873$	$52\ 817 + 3920 + 491$

3 marks

b) Subtract the following, using a column method; set your subtraction and answer in the box below:

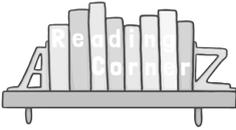
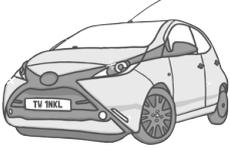
$61\ 705 - 27\ 394$	$450\ 892 - 65\ 936$	$83\ 871 - 4915$

3 marks

Total for this page

3. Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy.

Approximate the answer to the problem below and draw a circle around the most sensible answer:

Problem	My approximation	Circle the most sensible answer						
<p>a) Here are the numbers of people who used a local library over 3 weeks:</p> <table border="1" data-bbox="172 591 571 730"> <tr> <td>Week 1</td> <td>14 982</td> </tr> <tr> <td>Week 2</td> <td>10 235</td> </tr> <tr> <td>Week 3</td> <td>16 015</td> </tr> </table>  <p>How many people attended in total over the 3 weeks?</p>	Week 1	14 982	Week 2	10 235	Week 3	16 015		<p>41 232</p> <p>46 232</p> <p>51 232</p>
Week 1	14 982							
Week 2	10 235							
Week 3	16 015							
<p>b) A car showroom reduces the price of a car from £18 750 to £14 999. By how much was the price of the car reduced?</p> 		<p>£3249</p> <p>£4001</p> <p>£3751</p>						



2 marks



2 marks

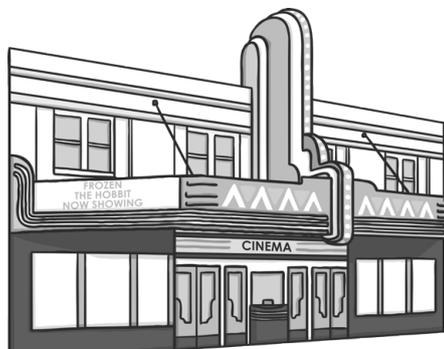


Total for this page

4. Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why.

Solve these problems and show your working out. Even if you get the wrong answer, you may get a mark for your working out.

a) Here are the admission costs for a cinema:



Adults	Before 5pm: £9.60	After 5pm: £11.40
Children (4-16 years)	Before 5.00pm: £6.80	After 5.00pm: £8.20
Family (2 adults and 2 children)	Before 5.00pm: £28.50	After 5.00pm: £35.50

Mr Smith wants to take his 2 children, Sam aged 5 and Jenny aged 11, to the cinema. He wants to know how much cheaper it would be to go before 5pm than after 5pm.

2 marks

b) Asjal wants to buy a guitar. The local guitar shops have it at these prices:

Music Warehouse



£136.49

Guitars 2 Go



£98.50

Wavelength Music



£117.95

Asjal has £76.72. His mother will give him another £48 for his birthday? How much more money does he need to buy the guitar from Music Warehouse?

2 marks

Total for this page

Teacher Script and Answer Sheet: Maths Assessment Year 5

Term 2: Addition and Subtraction



Questions for teacher to read aloud for Q1. Read each question twice and leave 10 seconds for the pupils to answer. Children should just write down the answer.

	1. $700 + 600$ 2. $500 + 400 + 900$ 3. $340 + 470$ 4. $1700 + 620$ 5. $3100 + 600$ 6. $5200 + 4500$ 7. $900 - 200$ 8. $1000 - 430$ 9. $3600 - 800$ 10. $2700 - 1200$ 11. $5600 - 3300$ 12. $7200 - 5900$		
question	answer	marks	notes
1. Add and subtract numbers mentally with increasingly large numbers.			
	1. 1300 7. 700 2. 1800 8. 570 3. 810 9. 2800 4. 2320 10. 1500 5. 3700 11. 2300 6. 9700 12. 1300	up to 6 marks	1 or 2 correct = 1 mark 3 or 4 correct = 2 marks 5 or 6 correct = 3 marks 7 or 8 correct = 4 marks 9 or 10 correct = 5 marks 11 or 12 correct = 6 marks
2. Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction).			
a	48 991 305 935 57 228	up to 3 marks	add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction).
b	34 311 384 956 78 956	up to 3 marks	
3. Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy.			
a	Uses a sensible estimate Eg $15\ 000 + 10\ 000 + 16\ 000 = 41\ 000$ or $15\ 000 + 10\ 200 + 16\ 000 = 41\ 200$ Circle drawn around b) 41 232	2	Both sections correct for 2 marks. Accept any way of identifying the correct answer. Do not give a mark for the first part if they do not estimate but complete the calculation.
b	Uses a sensible estimate Eg $19\ 000 - 15\ 000 = 4\ 000$ or $18\ 700 - 15\ 000 = 3\ 700$ Circle drawn around a) 3751	2	
4. Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why.			
a	£4.60	2	Award 2 marks for the correct answer, whether working out shown or not. Award 1 mark for incorrect answer but a sensible attempt to solve the problem.
b	£11.77	2	
		Total 20	