

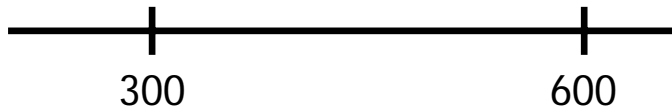
## MENTAL CALCULATION

Name: \_\_\_\_\_

Assessment Criteria: Use a range of mental methods of computation with all operations

*No calculators allowed!*

1. a) Mark the numbers 297 and 602 on this number line:



- b) Show how you could use this to help calculate  $602 - 297$

\_\_\_\_\_

2. Write down an explanation of how you would calculate  $72 - 38$  in your head.

3. Work out the value of  $160 \div 4$ . Explain how you found the answer.

4. The temperature in Fort William one morning is  $3^{\circ}\text{C}$ . This is  $7^{\circ}\text{C}$  warmer than it was the previous morning. What was the temperature on the previous morning?

\_\_\_\_\_  $^{\circ}\text{C}$

5. Complete the following statements by finding the value of the missing number:

a)  $20 + \underline{\hspace{2cm}} = 100 \times 4$

b)  $120 - \underline{\hspace{2cm}} = 85$

c)  $8 \times 7 = 2 \times \underline{\hspace{2cm}}$

Overall, I think my success level is:

Low                      High

Q	MENTAL CALCULATION	☺	☹
	I can calculate mentally a difference such as $8006 - 2993$		
	I can use knowledge of tables and place value in calculations with multiples of 10 such as $180 \div 3$		
	I can carry out simple calculations involving negative numbers in context		
	I understand 'balancing sums' including those using division		
	<i>I can develop my own strategies for solving problems</i>		
	<i>I can present information and results in a clear and organised way</i>		
I need to practise ...			