

CHECKING RESULTS

Name:

Assessment Criteria: Check the reasonableness of results with reference to the context or size of numbers

No calculators allowed!

1. These estimations are not very accurate. Show how you would improve them.

(a) $78 \times 16 \approx 1400$

(b) $11 \times 19 \approx 100$

(c) $94 \times 106 \approx 11\ 000$

(d) $55 \div 6 \approx 5.5$

2. Bob, Thelma, Terry and June shared £7965 equally from a gift given by their Aunt Sally. Roughly how much would they have received each?

£ _____

3. A primary school has 470 pupils and 21 teachers. Mrs Hume is organising a theatre trip for the school and asks her class to work out how many 53-seater coaches she needs to book. Jack says that she needs 449 coaches. What do you think to Jack's answer?

4. Circle the best answer for each of the following calculations. Write down the reason for your decision in the box provided.

19×21	209	
	399	
	1921	
598×11	1236	
	6578	
	15780	
$7896 \div 94$	7802	
	8	
	84	

5. Look at the calculation here:

$$9499 \times 97$$

If you were estimating the answer, what would you round 9499 to? Explain why.

Overall, I think my success level is:

Low High

Q	CHECKING RESULTS	😊	☹️
	I can check results are reasonable by using the size of the numbers involved		
	I can check results are reasonable by using the context of the problem		
	<i>I can develop my own strategies for solving problems</i>		
	<i>I can use my own strategies within mathematics</i>		

I need to practise ...