

CALCULATING WITH ALL FOUR OPERATIONS

Name: _____

Assessment Criteria: To use known facts, place value, knowledge of operations and brackets to calculate including using all 4 operations with decimals to two places

No calculator allowed!

1. a) Show that 9×2.8 is 25.2

b) What is the value of 27×2.8 ? _____

c) Calculate $252 \div 9$ _____

2. You can buy a new calculator for £1.25. In 1979, the same type of calculator cost 22 times more than it does now. How much was this calculator in 1979?

£ _____

3. Complete the following statements:

a) $\frac{1}{2}$ of 20 = $\frac{1}{4}$ of _____

b) $\frac{3}{4}$ of 100 = $\frac{1}{2}$ of _____

4. Insert brackets to make the following calculation true:

$$3 + 4 \times 6 - 5 = 7$$

5. $\frac{3}{5} = 0.6$. What is $\frac{2}{5}$ as a decimal? _____

Overall, I think my success level is:

Low High
○ ○ ○ ○

Q	CALCULATING WITH ALL FOUR OPERATIONS	☺	☹
	I can use my understanding of place value in calculations		
	I can use factors to calculate without a calculator		
	I can use partitioning to calculate without a calculator		
	I understand the order of operations		
	I know how to use brackets		
	<i>I can check results, considering whether these are reasonable</i>		
	<i>I can solve word problems from a range of contexts</i>		
I need to practise ...			