

## FRACTIONS, DECIMALS AND PERCENTAGES

Name:

Assessment Criteria: Calculate percentages and find the outcome of a given percentage increase or decrease

*No calculators allowed! Please show how you solve the problems.*

1. Compare each of the following amounts and put them in the correct order, HIGHEST TO LOWEST, using the letters.

**A:** 25% of £200    **B:** 15% of £250    **C:** 35% of £160

Answer: ..... , ..... , .....

2. Match up the following percentages to their correct quantities:

10% of £35

15% of £24

80% of £5

35% of £11

£3.60

£4.00

£3.85

£3.50

3. A rod of length 21m is to be increased by 5% in length. What will its new length be? SHOW WORKING!

\_\_\_\_\_m

4. A pair of shoes is in a "30% off" sale. The original price is £40, how much do the shoes cost in the sale? SHOW WORKING!

\_\_\_\_\_m

Overall, I think my success level is:

Low                      High  
○ ○ ○ ○

Q	FRACTIONS, DECIMALS AND PERCENTAGES	☺	☹
	I can find percentages of a number without using a calculator		
	I can increase an amount by a percentage without using a calculator		
	I can decrease an amount by a percentage without using a calculator		
	<i>I can solve problems and carry through substantial tasks by breaking them into smaller, more manageable tasks, using a range of efficient techniques, methods and resources, including ICT; give solutions to an appropriate degree of accuracy</i>		
I need to practise ...			