

UNITS

Name: _____

Assessment Criteria: Solve problems involving the conversion of units and make sensible estimates of a range of measures in relation to everyday situations

1. Convert the following measurements into the required units:

- (a) 2 metres = _____ centimetres
- (b) 2.5 litres = _____ millilitres
- (c) 1.3 kilometres = _____ metres
- (d) 86 millimetres = _____ centimetres
- (e) 250 grams = _____ kilograms
- (f) 1750 millilitres = _____ litres

2. For each of the following, fill the first space with either MULTIPLY or DIVIDE, then the second space with either 10, 100 or 1000:

- (a) To change from cm to mm _____ by _____
- (b) To change from kg to g _____ by _____
- (c) To change from ml to l _____ by _____

3. Estimate the following measures:

- a) The capacity of a 2-gallon watering can in litres
- b) The length in metres of a 22-foot ladder _____
- c) The mass in kilograms of an adult weighing 11 stone _____
- d) The distance in miles of a 100-kilometre cycle race _____

Overall, I think my success level is:

Low High
○ ○ ○ ○

Q	UNITS	☺	☹
	I know the equivalences between metric units of length		
	I know the equivalences between metric units of capacity		
	I know the equivalences between metric units of mass		
	I can change a smaller metric unit into a larger one		
	I can change a larger metric unit into a smaller one		
	I know the rough metric equivalences of common imperial units		
	I can make sensible estimates of measures		
	<i>I can show understanding of situations by describing them mathematically using symbols, words and diagrams</i>		

I need to practise ...