3. Describe what each of the following base units are used to measure

Gram	mass or weight
Meter	length
Litre	volume

4. Convert the following

    milli centi deci $\underline{1}$ deca hecto Kilo

$\longleftarrow$ right

$\longrightarrow$ left

a) 4563 grams into kilograms   3 jumps to L

$$4.563 \ Kilograms$$

b) 5.5 centimetres into millimetres   1 jump to R

$$55 \ millimeters$$

c) 900 millilitres into litres   3 jumps to left

d) 0.08745 kilometres into millimetres   6 jumps to right

$$87450 \ millimetres$$

5. Seawater contains about 35 grams of salt per litre. How many litres of sea water would you have need to get a kilogram of sea salt?

1 Kilogram of salt is 1000 grams

$$\frac{35 \ grams}{1 \ litre} = \frac{1000 \ grams}{x \ litres} \qquad 1 \times 1000 \div 35$$

$$= 28.571 \ litres$$