

Name: _____

1. Match the following metric prefixes to the number they refer to

_____ Centi	A. 1000
_____ Deca	B. 100
_____ Deci	C. 10
_____ Hecto	D. $\frac{1}{10}$
_____ Kilo	E. $\frac{1}{100}$
_____ Milli	F. $\frac{1}{1000}$

2. Match the following metric prefixes to the power of 10 they refer to

_____ Milli	A. 10^3
_____ Kilo	B. 10^2
_____ Hecto	C. 10^1
_____ Deci	D. 10^{-1}
_____ Deca	E. 10^{-2}
_____ Centi	F. 10^{-3}

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

Gram	
Meter	
Litre	

4. Convert the following

a) 4563 grams into kilograms

b) 5.5 centimetres into millimetres

c) 900 millilitres into litres

d) 0.08745 kilometres into 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?