











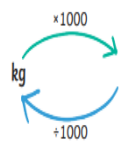






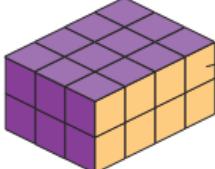



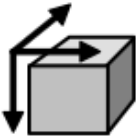





Year 5 Measurement Knowledge

Units of Time					
Minute 1 minute = 60 seconds 	Hour 1 hour = 60 minutes 	Day 1 day = 24 hours 	Week 1 week = 7 days 	Fortnight 1 fortnight = 2 weeks 	Month January = 31 days February = 28 days (29 in a leap year) March = 31 days April = 30 days May = 31 days June = 30 days July = 31 days August = 31 days September = 30 days October = 31 days November = 30 days December = 31 days 
Year 1 year = 12 months = 52 weeks = 365 days 	Leap Year 1 leap year = 366 days 	Decade 1 decade = 10 years 	Century 1 century = 100 years 	Millennium 1 millennium = 1000 years 	

Converting Mass	Converting Capacity
 $1000\text{g} = 1\text{kg}$ $\frac{1}{10}\text{kg} = 0.1\text{kg} = 100\text{g}$ $\frac{1}{4}\text{kg} = 0.25\text{kg} = 250\text{g}$ $\frac{1}{2}\text{kg} = 0.5\text{kg} = 500\text{g}$ $\frac{3}{4}\text{kg} = 0.75\text{kg} = 750\text{g}$ 	 $1000\text{ml} = 1\text{litre}$ $\frac{1}{10}\text{l} = 0.1\text{l} = 100\text{ml}$ $\frac{1}{4}\text{l} = 0.25\text{l} = 250\text{ml}$ $\frac{1}{2}\text{l} = 0.5\text{l} = 500\text{ml}$ $\frac{3}{4}\text{l} = 0.75\text{l} = 750\text{ml}$ $\frac{1}{100}\text{l} = 0.01\text{l} = 10\text{ml}$ 
Converting Length	
 $\text{km} \xrightarrow{\times 1000} \text{m} \xrightarrow{\times 100} \text{cm} \xrightarrow{\times 10} \text{mm}$ $\text{mm} \xrightarrow{\div 10} \text{cm} \xrightarrow{\div 100} \text{m} \xrightarrow{\div 1000} \text{km}$ $1000\text{metres} = 1\text{kilometre}$ $100\text{cm} = 1\text{m}$ $10\text{mm} = 1\text{cm}$ $\frac{1}{10}\text{km} = 0.1\text{km} = 100\text{m}$ $\frac{1}{4}\text{km} = 0.25\text{km} = 250\text{m}$ $\frac{1}{2}\text{km} = 0.5\text{km} = 500\text{m}$ $\frac{3}{4}\text{km} = 0.75\text{km} = 750\text{m}$	

Volume of Cubes and Cuboids	
Volume is measured in cubed units. For example, cm^3 , m^3 and km^3 . To calculate the volume of cubes and cuboids: 1. Calculate the area of the cross-section (one face). 2. Multiply the area of the cross-section (one face) by its depth.	
	Area of cross section (face) = $2\text{cm} \times 2\text{cm} = 4\text{cm}^2$ $4\text{cm}^2 \times 2\text{cm} = \text{Volume of } 8\text{cm}^3$ 
	Area of cross section (face) = $4\text{cm} \times 2\text{cm} = 8\text{cm}^2$ $8\text{cm}^2 \times 3\text{cm} = \text{Volume of } 24\text{cm}^3$ 

 cross-section	 face	 Volume	 capacity	 mass	 litre
--	---	---	---	--	--