

Knowledge Organiser: Measure Entry 2

Converting Mass

Converting Mass

$1000g = 1kg$
 $\frac{1}{10}kg = 0.1kg = 100g$
 $\frac{1}{4}kg = 0.25kg = 250g$
 $\frac{1}{2}kg = 0.5kg = 500g$
 $\frac{3}{4}kg = 0.75kg = 750g$

$\times 1000$
 $\div 1000$

kg \leftrightarrow g

Converting Measure

$1000ml = 1\text{ litre}$
 $\frac{1}{10}l = 0.1l = 100ml$
 $\frac{1}{4}l = 0.25l = 250ml$
 $\frac{1}{2}l = 0.5l = 500ml$
 $\frac{3}{4}l = 0.75l = 750ml$
 $\frac{1}{100}l = 0.01l = 10ml$

$\times 1000$
 $\div 1000$

l \leftrightarrow ml

Converting Length Calculate Money

- 1 **kilometre** = 1000 **metres**
- 1 **metre** = 100 **centimetres**
- 1 **centimetre** = 10 **millimetres**



120 pence
 100 pence is £1
 120 pence is £1 and 20 pence.

Time

Week
 1 week = 7 days

Fortnight
 1 fortnight = 2 weeks

Month

January = 31 days
 February = 28 days (29 on 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

Time

Minute
 1 minute = 60 seconds

Hour
 1 hour = 60 minutes

Day
 1 day = 24 hours

Year
 1 year = 12 months = 52 weeks = 365 days

There are 24 hours in a day.

midnight
 12:00 a.m.
 a.m.
 p.m.
 12:00 p.m.
 evening/night time
 midday

Analogue and Digital Clocks

Minute Hand
 The long hand points to the minutes past the hour.

Hour Hand
 The short hand points to the hour. If this hand is pointing between the hours, it is the earlier hour of the two.

12:00
 twelve o'clock

12:15
 quarter past twelve

12:30
 half past twelve

12:45
 quarter to one

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24 Hour Time / Working Out

	13:00	1 p.m.	1 o'clock	
	14:00	2 p.m.	2 o'clock	
	15:00	3 p.m.	3 o'clock	
	16:00	4 p.m.	4 o'clock	
	17:00	5 p.m.	5 o'clock	
	18:00	6 p.m.	6 o'clock	
	19:00	7 p.m.	7 o'clock	
	20:00	8 p.m.	8 o'clock	
	21:00	9 p.m.	9 o'clock	
	22:00	10 p.m.	10 o'clock	
	23:00	11 p.m.	11 o'clock	
	00:00	12 a.m.	12 o'clock	

1) Convert these times into 24 hour clock times.

12 hour	24 hour
3:25am	03:25
7:20am	07:20
8:05am	08:05
12:20am	00:20
1:16am	01:16
4:56am	04:56
10:42am	10:42
12:51am	00:51

12 hour	24 hour
3:25pm	15:25
7:20pm	19:20
8:05pm	20:05
12:20pm	12:20
1:16pm	13:16
4:56pm	16:56
10:42pm	22:42
12:51pm	12:51

2) Convert the times on these clock faces into 24 hour clock times.

02:40	08:55	03:30
14:40	20:55	15:30