



YEAR 5 - MATHS - CONVERTING MEASURES KEY KNOWLEDGE ORGANISER

Key Vocabulary

Mass

Gram

Kilogram

Capacity

Volume

Millilitre

Centilitre

Litre

Millimetre

Centimetre

Kilometre

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

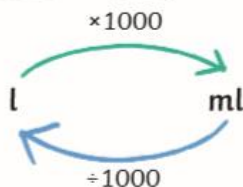


Month

January = 31 days
February = 28 days (29 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

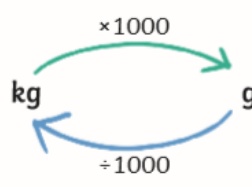


Converting Capacity



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

Converting Mass



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

Year

1 year =
 12 months =
 52 weeks =
 365 days

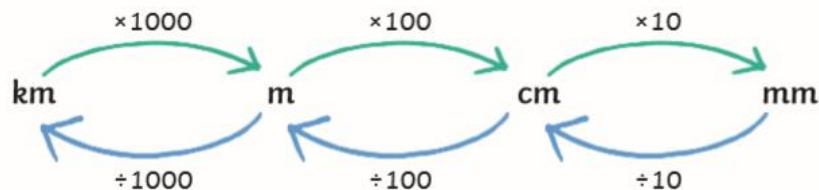


Leap Year

1 leap year =
 366 days



Converting Length



1000 metres = 1 kilometre
 100cm = 1m
 10mm = 1cm
 $\frac{1}{10} km = 0.1km = 100m$
 $\frac{1}{4} km = 0.25km = 250m$
 $\frac{1}{2} km = 0.5km = 500m$
 $\frac{3}{4} km = 0.75km = 750m$

Problem solving

Read

Number

Calculation

Answer

Ron buys 3.8 kg of potatoes and 1,250 g of carrots.
 He pays with a £20 note.
 How much change does he get?

How could you use R.N.C.A to answer this question?