

MEASUREMENT 1

REMEMBER

Kilo means thousand (1000)

Hecto means hundred (100)

Deca means ten (10)

Deci means one-tenth (1/10)

Centi means one-hundredth (1/100)

Milli means one-thousandth (1/1000)

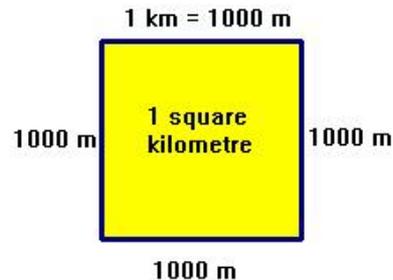


1) Complete:

a) 5 km =	m	b) 185 cm =	m
c) 18 dam =	km	d) 2995 hm =	km
e) 1890 mg =	g	f) 25 kg =	g
g) 0.935 kg =	mg	h) 18 dl =	l
i) 1256 ml =	cl	j) 1.520 l =	ml

REMEMBER

1 km^2 (square kilometre) = 1000000 m^2



2) Complete:

a) $12 \text{ km}^2 = 12\ 000\ 000 \text{ m}^2$	b) $5 \text{ hm}^2 =$	m^2	
c) $2500 \text{ mm}^2 =$	m^2	d) $3680 \text{ cm}^2 =$	m^2
e) $17 \text{ m}^2 =$	dm^2	f) $1.5 \text{ dm}^2 =$	mm^2
g) $12\ 350 \text{ hm}^2 =$	km^2	h) $0.562 \text{ dam}^2 =$	m^2

3) Order the measurements from least to greatest:

a) 56 m, 570 dm, 5000 cm, 0.55 dam
b) 1.8 l, 185 dl, 1820 ml, 183 cl
c) 2350 g, 2.3 kg, 23550 dg, 231 hg
d) 17 dam^2 , 1710 m^2 , 17110 dm^2 , 170500 cm^2

4) We are driving to London. The sign says that it is one hundred forty-three kilometres to London. How many metres is it to London?

LONDON
143 Km

5) Laura's boyfriend give her a box of candy with 0.75 kilograms of chocolate candy in it. Liz is jealous because her boyfriend only gives her 475 grams of chocolate candy. How many grams more does Laura get?

6) To make 12 biscuits we need: 125 g of butter, 75 g of sugar and 175 g of flour. How many ingredients (in kilograms) should we use to make 360 biscuits?



7) We have a new baby! He is 0.53 meters long and weighs 3750 g. The doctor says the baby should gain about one hundred thirty-five grams per week. At that rate, how much in kilograms will he weigh in 3 months (14 weeks)?



8) There are eight cans on the shelf. Each can contains three hundred twenty-five millilitres of tomato soup. Janet poured all the soup into one bowl. How many litres of soup does she have?



9) In the supermarket I buy: $\frac{1}{2}$ kg of carrots, 750 g of peppers, a pineapple of 1355 g and 1.5 kg of oranges. How much does my bag weigh (in kilograms)?

10) Michael ran a distance of 5.98 km in 52 min. Calculate his speed in:
a) Kilometres per hour.
b) Metres per second.

