

They say it's easy to think Metric

As "How to Write and Type SI — A Style Guide" says, the joy of the metric system lies in its simplicity.

It is a decimal system, which means relationships between quantities are based on tens, like our currency system.

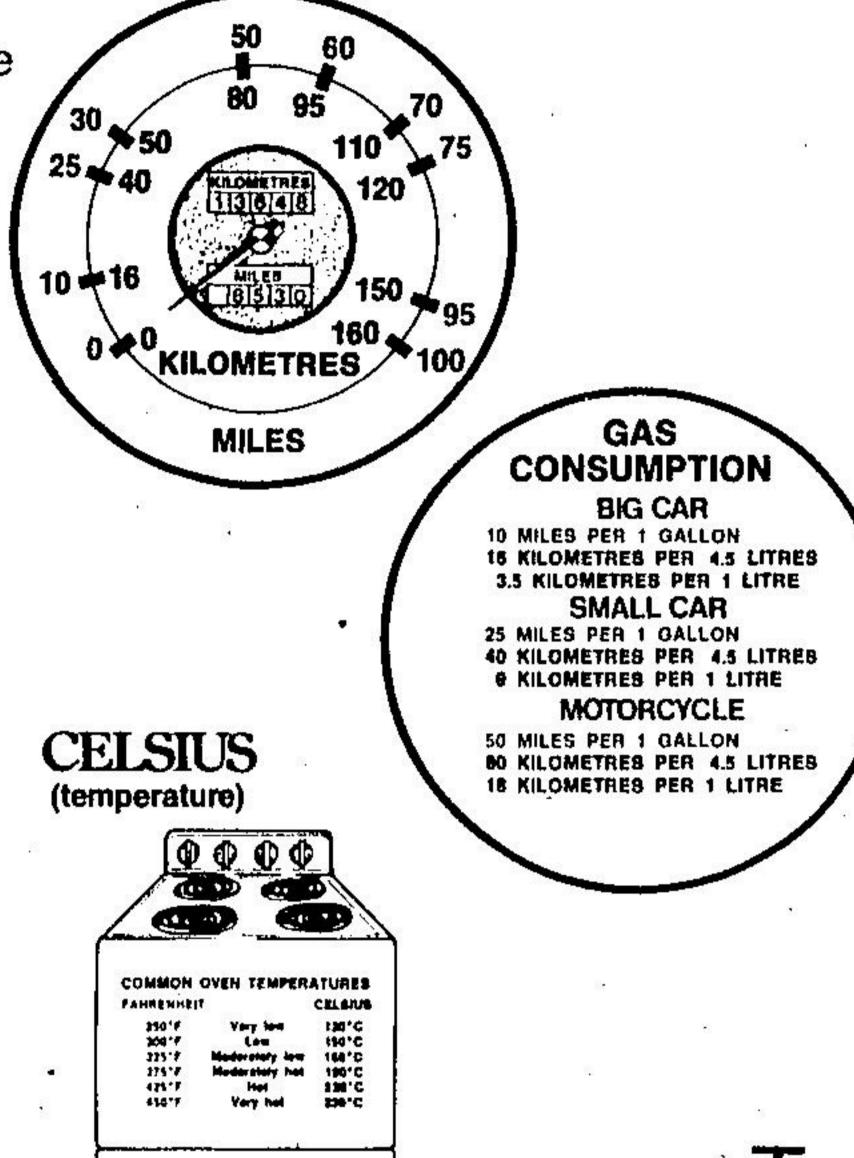
It has only seven base units, compared to 53 in the inch-pound system. Derived units are formed from a combination of two or more base units.

Some common metric units and the quantities they measure are listed below:

Quantity	Metric Unit	Symbol
Length	metre	m
Mass	kilogram	kg
Liquid measure	litre	I or 1
Speed	kilometre per hour metre per second	km/h m/s
Temperature	degree Celsius	°C

Larger and smaller units are obtained by combining set prefixes with the metric unit. Some common prefixes with their meanings and symbols are listed below:

Prefix	Means	Symbol
milli	one thousandth	m
centi	one hundredth	c
deci	one tenth	\mathbf{d}
kilo	one thousand times	k



There'll be no big change when cooking with

The new metric measures for recipes and kitchen measuring equipment will be as close as possible to the old.

Old recipes can be used indefinitely, with the air of conversion stickers which can be stuck in the back of cook books.

The new metric cook books will probably come equipped with similar stickers for conversion to old units.

Conversion stickers will probably be used to convert oven temperatures also. Under the metric system, temperatures are measured in degrees Celsius. (Water freezes at 0 degrees C and boils at 100 degrees C.) The minutes per pound formula for cooking meat will have to be adjusted, not only for the difference in temperature measurement but for the difference in mass, as meat will be measured by the kilogram.

Will we have to convert our present recipes? No-just keep on the same way, but eventually recipes will be shown using metric measures.

There will be five measuring spoons-1,2,5,15 and 25 millilltres. Cups will be divided into 250 millilitres.

Here's a conversion table.

 Conversion table There's not much difference between our customary cups and the metric measures. For example:

8 oz. (1 cup) + 1 tbls equals 250 ml (1, 1) 2 cups + 2 tbls, equals 500 ml (45 1) 4 cups + 4 tbls, equals 1000 ml (11) 1 quart-3, cup equals 1 litre

Here are three recipes for chocolate chip cookies-first the old recipe, then the same recipe converted to metric, and last the recipe as it will appear when all the concern is long over.

Try chocolate cookies

Chocolate chip cookies

12 cup chopped nuts

Here is an ingredient listing for a current recipe with the metric equivalents. Imperial **Metric Conversion** 134 cups all-purpose flour 437.5 ml 12 tsp. baking soda $2.5 \, \mathrm{ml}$ 12 tsp. salt 2.5 ml 1 cup butter or margarine 250 ml 2/3 cup granulated sugar 167 ml 2/3 cup lightly packed brown sugar 167 ml 1 egg 1 tsp. vanilla 5 m 1 (6 oz.) package chocolate chips 250 ml

The amounts marked with an asterisk required rounding to whole numbers or to multiples of 25. Testing showed sugar amounts could be increased if shortening was decreased. Revised recipe is given below.

125 ml

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REVISED METRIC

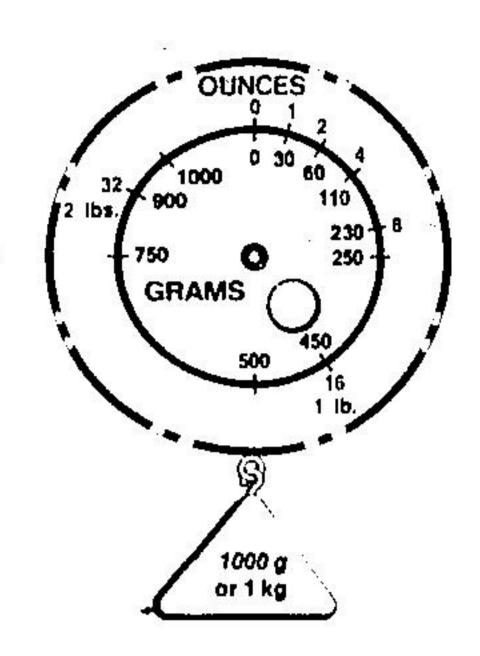
.425 ml all-purpose flour ~ 2 ml baking soda 2 ml salt 225 ml butter or margarine 175 ml granulated sugar 175 ml lightly packed brown sugar 1 egg 5 ml vanilla 250 ml chocolate chips 125 ml chopped nuts

Preheat oven to 190 degrees C. Lightly grease a baking sheet. Sift together flour, baking soda and salt. Cream butter and sugars together. Beat in egg and vanilla until light and fluffy. Stir in dry ingredients with chocolate chips and nuts. Drop batter from a teaspoon about 5 cm apart on prepared baking sheet.

Bake in preheated 190 degrees C (375 degrees F.) oven for 8 to 10 minutes, or until golden brown. Makes 4 to 5 dozen.

An egg is still an egg. They couldn't make the

hen go metric.



GR

KILO

1000 g or

The Metric world

The metre, the unit of length in the metric system of measurement was created by members of the Paris Academy of Sciences following the request of the Constituent Assembly of France in 1790.

In 1875, 17 nations signed the Treaty of the Metre, establishing the metric system as an international measurement system. This treaty also established the General Conference of Weights and Measures (C.G.P.M.) to conceive, develop and maintain precise international standards of measure. Canada adhered to that treaty on June 15, 1907.

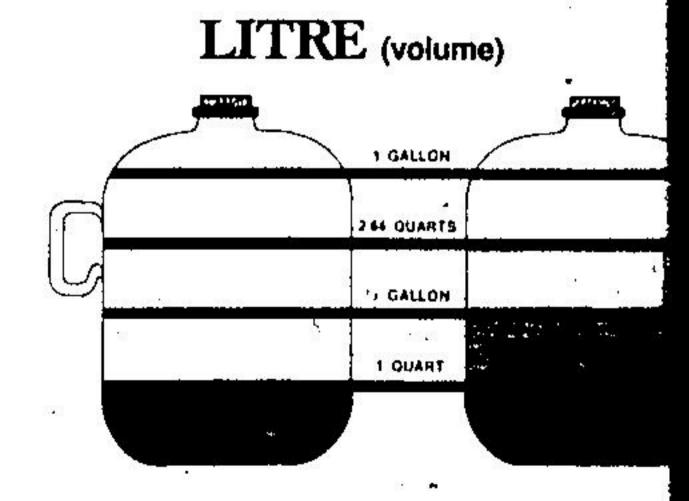
In 1960, the C.G.P.M. adopted a metric system founded on six base units. The world wide abbreviation for the International System of Units thus created is SI.

Today, almost 94 per cent of the world's population (99.8 not counting the U.S.A.) is now on the metric system or is converting to it.

Outside of the United States, the only countries that have not yet formally adopted the metric system are:

Country	Population
Barbados	238 000
Gambia	375 000
Jamaica	1869 000
Liberia .	1871 000
Nauru	6 000
Sierra Leone	2590 000
Tonga	89 000
Yemen People's Democratic	
Republic	1475 000
Total	8213 000

Out of a world population of 3 706 000 000.



METRE (length)

					-	
	10	MILLIMETRES (mm) :	= 1	1	CENTIMETRE (cm)
÷	100	CENTIMETRES (cm) =	= 1	1	METRE (m)
******	1000	METRES (m)	=	= '	1	KILOMETRE (km)
41110		,, =		25.4	4	MILLIMETRES
8.78	1 IMC	,n =		2.54	4	CENTIMETRES
1 FOOT				305	;	MILLIMETRES
		U1 =		30.	5	CENTIMETRES
				91		CENTIMETRES
69	ITA	un =	:511 S			METRE
	3.73	100 1000 1 INC	100 CENTIMETRES (mm 1000 METRES (m) 1 INCH	100 MILLIMETRES (mm) = 1000 METRES (m) = 1000 METRES (m) = 1 INCH = 1 FOOT = 1 VARD	100 MILLIMETRES (mm) = 1000 CENTIMETRES (cm) = 1000 METRES (m) = 25.4	10 MILLIMETRES (mm) = 1 100 CENTIMETRES (cm) = 1 1000 METRES (m) = 1 1 INCH = 25.4 1 FOOT = 305 1 YARD = 91

A millimetre is one thousandth of a metre and a kilometre is one thousand metres. Conversion of a unit to a multiple or submultiple is done by a simple movement of the decimal point. For example:

1 km equals 1000 m (1 km equals 1 m X 1000) 1 dm equals 0.1 m (1 dm equals 1 m divided by 10)

1 cm equals 0.01 m (1 cm equals 1 m divided by 100)

1 mm equals 0.001 m (1 mm equals 1 m divided by 1000)

Quantity .	Unit	Symbol	Example
Temperature '	degree Celsius	- c	— 20°C is normal room temperature
Length	millimetre centimetre metre	mm em m	 about the thickness of a paper match an average coffee cup is about 10 cm high the length of a man's stride
	kilometre	km	— the distance across Canada, at its widest point is 5.160 km
Capacity	millilitre litre	ml l	— a 'large' size of toothpaste holds 150 ml — a large bottle of wine
Mass	gram	g	- the mass of a paper clip
x	kilogram tonne	kg t	 a desk telephone has the mass of 2 kg the mass of a compact car
Speed on land	Kilometre per hour	kmh	50 km. h is the usual speed limit on city streets
Pressure in tires	Kilospascal	kPa	 200 kPa is a typical tire pressure for rear wheels of a car