

Metric Mania

Name _____

English or Metric?

Use the chart and a calculator to convert each measurement. Be sure to show your work. Round answers to the nearest hundredth if needed.

To go from		To	Multiply by
ml	->	fl oz	0.0338
fl oz	->	ml	29.575
l	->	gal	0.2642
gal	->	l	3.785

To go from		To	Multiply by
cm	->	in	0.3937
in	->	cm	2.54
m	->	ft	3.2808
ft	->	m	0.3048
km	->	mi	0.6214
mi	->	km	1.609

To go from		To	Multiply by
g	->	oz	0.0353
oz	->	g	28.35
kg	->	lbs	2.2046
lbs	->	kg	0.4536

- 1) 16 in = _____ cm
- 2) 345 lbs = _____ kg
- 3) 56 g = _____ oz
- 4) 450 km = _____ mi
- 5) 1200 ml = _____ fl oz
- 6) 40 m = _____ ft
- 7) 4 gal = _____ l
- 8) 12 fl oz = _____ ml
- 9) 50 kg = _____ lbs
- 10) Penny has a pencil that is 19 cm long. How long the pencil in inches?
- 11) Macho Mel can lift 200 kilograms with ease. How much is this in pounds?
- 12) The distance between Happyville and Gigglesland is 60 miles. How far is this in kilometers?
- 13) A can of Cheap-O soda holds 355 ml of soda. How many milliliters would be in 2 cans of soda?
- 14) A cookie recipe calls for 1 pound of butter. How many grams of butter would be needed for 3 batches?