

Name: _____

Date: _____

Metric Mania

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
fl oz ->	ml	29.575
gal ->	l	3.785
l ->	gal	0.2642
ml ->	fl oz	0.0338

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

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

1) 450 km = **279.63** mi

4) 16 in = **40.64** cm

7) 56 g = **1.98** oz

2) 1200 ml = **40.56** fl oz

5) 50 kg = **110.23** lbs

8) 12 fl oz = **354.9** ml

3) 345 lbs = **156.49** kg

6) 4 gal = **15.14** l

9) 40 m = **131.23** ft

11) The distance between Happyville and Gigglesland is 60 miles. How far is this in kilometers?

96.54 km (60×1.609)

12) Macho Mel can lift 200 kilograms with ease. How much is this in pounds?

440.92 lbs (200×2.2046)

13) Penny has a pencil that is 19 cm long. How long the pencil in inches?

7.48 in ($19 \times .3937$)

14) A can of Cheap-O soda holds 355 ml of soda. How many milliliters would be in 2 cans of soda?

710 ml (355×2)

15) A cookie recipe calls for 1 pound of butter. How many grams of butter would be needed for 3 batches?

1360.8 g ($1 \text{ lb} \rightarrow 16 \text{ oz} \times 28.35 \times 3$)