Name:

Metric Mania English Metric Conversions

Use the chart and a calculator to convert each measurement. Be sure to show your work. Round to the significant figure for each program.

Conversion Factors

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1 oz = 28.35 gal

1 kg = 2.2046 lbs

1 ml = 0.0338 fl oz

1 L = 0.2642 gal

1 in = 2.54 cm

1 m = 3.2808 ft

1 km = 0.6214 mi

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 27 cm long. How long is 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 Giggleland 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?