

Metric Mania



English \leftrightarrow Metric
Conversions

English & Metric Conversions

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

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- 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 Giggland 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?