Metric and Imperial Units of Measurement

Read the following description of imperial units:

There are **20** fluid ounces in a pint and **8** pints in a gallon.

There are **16** ounces in a pound, **14** pounds in a stone, **8** stone in a hundredweight and **20** hundredweight in a long ton.

There are **12** inches in a foot, **3** feet in a yard, **220** yards in a furlong and **8** furlongs in a mile.

Now read the metric units version:

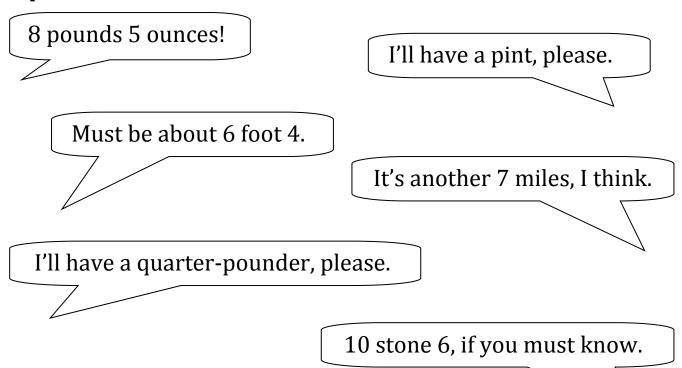
There are 1000 millilitres in a litre.

There are 1000 grams in a kilogram and 1000 kilograms in a tonne.

There are **10** millimetres in a centimetre, **100** centimetres in a metre and **1000** metres in a kilometre.

Although we usually use metric units these days, many people still think in imperial units, and we still use the old system for measuring particular things.

What do you think these people are measuring? Write your guess beside the speech bubbles.



Useful Imperial to Metric Conversions:

1 pint ≈ 570 millilitres	1 ounce ≈ 30 grams	1 inch ≈ 2.5 centimetres
1 gallon ≈ 4.5 litres	1 pound ≈ 450 grams	1 foot ≈ 30 centimetres
		1 mile ≈ 1.6 kilometres

Useful Metric to Imperial Conversions:

1 litre ≈ 1.75 pints	1 kilogram ≈ 2.2 pounds	1 metre ≈ 39 inches
		1 kilometre \approx 0.6 miles

(These aren't exact conversions, so we use the ≈ (roughly equals) sign.)
You **do not** need to memorize any of these, but it's useful to know roughly how big each type of unit is. You **will** need to use the tables above to do conversions.

Using the conversions above, fill in the gaps in the sentences below:

I'd like two pounds of ham, please. About grams.
I need a 3-inch diameter bath plug. That'll be centimetres.
My fuel tank holds 10 gallons of petrol, or litres.
If you fly from Birmingham to London it's a trip of about 100 miles, which is the same as kilometres.
My foot is actually about 1 foot long. That's centimetres.
This cake recipe needs 6 ounces of flour. That's about grams.
Our family uses 10 pints of milk a week. That's litres.

At a German pub, half a litre costs the same as a pint in England. Which gives you the most for your money? How do you know?