

## Imperial and metric units (1)

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Did you know that some people still use the old fashioned Imperial units to measure with, even though we've been using the metric system for over 40 years!

An inch.



A unit of length which is about  $2\frac{1}{2}$  cm long. There are 12 inches in a foot.

A foot.



A unit of length which is about 30 cm long, or the length of a ruler. There are 3 feet in a yard.

A yard.



A unit of length which is about 91 cm long, or just less than a metre. There are 1760 yards in a mile.

A mile.



A unit of length which is about 1600 metres long, or a little over 1.5 km. 5 miles is about 8 kilometres.

A pint.



A unit of capacity which is just over half a litre. There are 8 pints in a gallon.

A gallon.



A unit of capacity which is about 4.5 litres. We used to measure petrol in gallons, but now we use litres.

An ounce.



A unit of mass which is just less than 30g. There are 16 ounces in a pound.

A pound.



No, not money, but a unit of mass which is just under half a kilogram. There are 2.2 pounds in a kilo. There are 14 pounds in a stone.

A stone.



Nothing to do with pebbles, but a unit of mass. People still use this to say what their weight is, although it is much easier to use kilos.

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Complete the table to show the conversions between metric units and imperial measures.

Don't use a calculator. Try to work out the approximate answers from the information given.

Imperial units	Metric units
2 feet	<input type="text"/> centimetres
10 miles	<input type="text"/> kilometres
<input type="text"/> pints	10 litres
<input type="text"/> yards	100 metres
4 gallons	<input type="text"/> litres
2 yards	<input type="text"/> centimetres
<input type="text"/> inches	20 centimetres
<input type="text"/> stones	64 kilos
<input type="text"/> ounces	110 grams

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Answers

All these answers are approximate.

1. about 60 cm
2. about 16 kilometres
3. about 17 and a half to 18 pints
4. about 110 yards
5. about 18 litres
6. about 182 cm
7. about 8 inches
8. about 10 stones
9. about 4 ounces