

Convert the following measurements, using the example below.

So you know your feet from your inches, but it's handy to know imperial units of mass and volume too. This page covers converting between metric units and pounds, ounces and pints.

### Example

You'll need these conversions for this page:

- 1 kilogram  $\approx$  2 pounds
- 100 grams  $\approx$  4 ounces
- 1 litre  $\approx$  2 pints



A cauliflower has a mass of 500 g.  
Convert this mass to ounces.



- 100 g  $\approx$  4 ounces
- 500 g is 5 lots of 100 g.
- So 500 g  $\approx$   $5 \times 4$  ounces = **20 ounces**

### Set A

Convert the following using approximations:

- 1 5 kg to pounds
- 2 15 kg to pounds
- 3 24 pounds to kg
- 4 8 litres to pints
- 5 20 pints to litres
- 6 32 pints to litres

Find the missing values:

- 7 Convert 200 g to ounces.  
100 g  $\approx$  4 ounces  
200 g is 2 lots of 100 g.  
So 200 g  $\approx$    $\times$  4 =  ounces
- 8 Convert 12 ounces to g.  
4 ounces  $\approx$  100 g  
12 ounces is  lots of 4 ounces.  
So 12 ounces  $\approx$    $\times$  100 =  g

Approximately:

- 9 How many ounces is 400 g?
- 10 How many g is 24 ounces?

Jim has a small pond in his garden that has 90 litres of water inside.

- 11 How much is this in pints?  
48 kg of rocks surround the pond.
- 12 How much is this in pounds?