## Draw a conversion graph for imperial to metric units; read equivalent measures.

Ounces are an imperial measure, still used sometimes in cooking, as are pounds (not money!) People also often report babies' weights in pounds. One pound is 16 ounces.

$$
60 \div 16=3 \text { r12 }
$$

So, 60 ounces is 3 pounds and 12 ounces.

Table of approximate conversions of grams to ounces

| Grams | Nearest tenth of an ounce |
| :---: | :---: |
| 100 | 3.5 |
| 200 | 7 |
| 300 | 10.6 |
| 400 | 14.1 |
| 500 | 17.6 |
| 600 | 21.2 |
| 700 | 24.7 |
| 800 | 28.2 |
| 900 | 31.7 |
| 1000 | 35.3 |
| 1100 | 38.8 |
| 1200 | 42.3 |
| 1300 | 45.9 |
| 1400 | 49.4 |
| 1500 | 52.9 |
| 1600 | 56.4 |
| 1700 | 60 |
| 1800 | 63.5 |
| 1900 | 67 |
| 2000 | 70.5 |

So, 67 ounces is 4 pounds and 3 ounces.

What is 60 ounces in pounds and ounces?

And 67 ounces in pounds and ounces?

## Draw a conversion graph for imperial to metric units; read equivalent measures.



Because the relationship between kilograms and ounces is always the same, the graph is a straight line, so we do not need to mark on all the other points. kilograms are the same as 100 ounces, even though 100 ounces is not on the graph?

We can double the number of kilograms which are equivalent
Can you use the graph to estimate how many to 50 ounces.

