

Measurements

1. A primary school pupil wrote this in her news diary:

When my little brother was born he weighed 3 grams and was 45 metres long. My Dad drove 20 metres to the hospital to see him and while he was there he fed the baby 40 litres of milk.

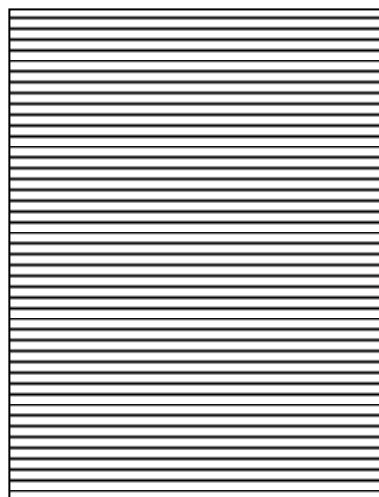
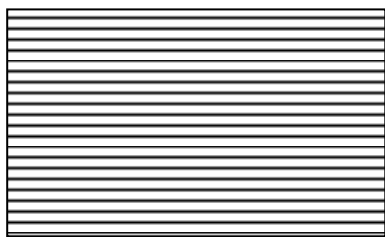
What is wrong with this story? Re – write it correctly. [1, 4]

2. My pet spider lives in a glass cage which measures 1m by 0.5m by 70cm.

(a) Calculate its volume of the case in m^3 . (b) What is this in cm^3 ? [2, 2]

3. The cost of advertising in a newspaper depends on the area of paper that the advert takes up. Each column of the paper measures 5cm in width and each cm in length costs £0.75.

Measure the length of these advertising spaces and calculate how much they would cost.



[3]

4. A medicine bottle holds 300mls. The instructions read ‘take one 5ml spoonful 4 times a day’ Patricia has to take the medicine for 14 days.

How many millilitres of medicine will left over after the 14 days? [2]

5. 1 ml of water weighs 1gram.

A $1cm^3$ piece of material is put into water and it floats.

What can you say about $1cm^3$ of this material? [1]

[15 marks]