Measuring a book

This task is about weight, length, volume and perimeter.

Your teacher will give you two books. Follow the instructions below. Write your answers in the spaces provided.

a) Use the scales to find the weight of books A and B in grams and kilograms:
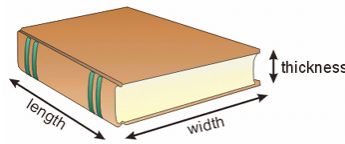
   i) Book A = _____ g

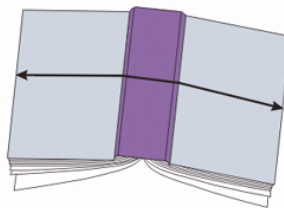   ii) Book B = _____ kg

b) Measure:

   i) Book A's length, in centimetres. Length of Book A = _____ cm

      Book A's width, in centimetres. Width of Book A = _____ cm

      Book A's thickness, in millimetres. Thickness of Book A = _____ mm

   ii) Calculate Book A's volume.

   iii) In the box below write down the dimensions of a piece of card that would exactly cover the outside of Book A – that is a piece of card covering the front, the spine, and the back only (as shown in the diagram below).