

Weighty Words

You need a set of kitchen or bathroom scales library books

Investigation

The Sunny Bay School library is on the move. Every book has to be packed into boxes. A box must weigh 20 kilograms or less so that the movers can lift it.

1. What is the mass of a small book in your school library?

2. What is the mass of the biggest book in your school library's reference section?

3. How many books could you pack in a box so that it weighs 20 kilograms or less?

4. How many 20 kilogram boxes of library books would fit onto a trolley that can safely carry half a tonne?