

Penny's box

Penny finds her old childhood building blocks. She wants a tidy box to store them in.

There are 100 2cm blocks and she needs to construct a **rectangular cuboid** in order to most easily fit the box into her wardrobe.

In her technology class, she saves costs by constructing an open wooden box using the least amount of wood.

What are the **dimensions** of her box that holds all 100 cubes?



LEVEL 5