HOW MUCH CARDBOARD?

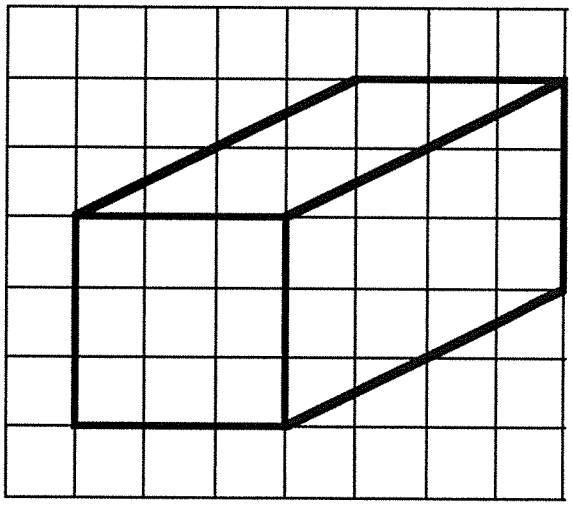
The aims of this assessment are to provide the opportunity for you to:

- Find the surface area of a box
- Find the surface area of a box with dimensions twice as long

A toy is packed in a box which measures 30 cm by 30 cm by 50 cm.

The toy company decides to make a larger version of the same toy.

The lengths of the sides of the new box are twice those of the original box.



1. How much cardboard is needed to make the original box?

2. Figure out how much cardboard is needed to make the larger box.