



A cardboard box that is used to make packaging boxes for a florist consists of a cube and a square pyramid, as indicated in the sketch.

The dimensions of the cube are 350mm and the slanted height of the pyramid is also 350mm .

Calculate the number of containers that could be made from 100m^2 cardboard if it is assumed that the nets could be cut so precisely that no wastage of the cardboard will take place.

