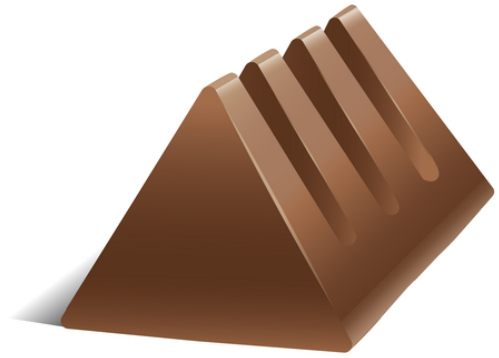# Packing chocolates

A chocolate manufacture produces bars shaped in a triangular prism of length 12 cm. The cross section of the bars is an equilateral triangle of side length 4 cm.

a) Design a net for the packaging of the individual bars.

b) The packaged bars are to be put into boxes that are 40 x 40 x 40 cm³.
    Find the maximum number of bars that can be packed into each box.