



## Problem of the Week

### Problem C

# CUT!

Kuri Uz is given some red licorice that is wrapped in a coil. Upon flattening the licorice, Kuri discovers that the total length is 60 cm. She then cuts the licorice into two pieces such that the ratio of the lengths of the two pieces is  $7 : 3$ . Each piece is then bent to form a square.

What is the total area of the two squares?

