



Dragon Painting

Xavier the Wizard decided to grow and sell a gold dragon. When the dragon had hatched, Xavier realized it was green, not gold. The time has come to deliver the dragon to the buyer, and Xavier decides to take a desperate step: repaint the dragon. Let's calculate how many cans of yellow paint the wizard required.

You may split the dragon into rectangles: head and neck (2 m x 3 m), body and paws (5 m x 4 m), and tail (1 m x 3 m). For each square meter, Xavier needs two cans.

Fingers crossed for Xavier! I hope his trick survives the very first rain.

Try your best:

- 1) use a function for rectangle area calculation.
- 2) you may put a pair of values in a vector and use it in a loop.
- 3) is it possible to use high-order functions?