34th Annual High School Programming Contest
Sponsored by transfinder

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Gold Problem #1: Surface Area

Background Information: The formula for the surface area A of a right rectangular prism, with a width w, a length l, and a height h, is

$$A = 2(wl + hl + hw)$$

Your program will be given three positive integers, each less than one thousand. The three integers will represent the width, length, and height of a rectangular prism. Your program will then calculate and print out the prism's surface area.

Programming Problem:

Input: Three positive integers, each less than 1,000. All inputs will be on separate lines.
Output: The corresponding surface area value.

Example 1:   Input: 6
                          3
                          2

             Output: 72

Example 2:   Input: 4
                          10
                          7

             Output: 276

Example 3:   Input: 1
                          5
                          2

             Output: 34