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**34th Annual High School Programming Contest**

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##### April 8, 2022

###### 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

$A=2\left(wl+hl+hw\right)$

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