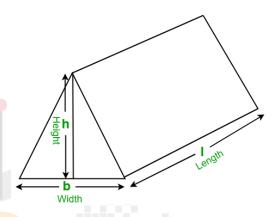


Present From Lili

Lili wants to give her sister a present. He went to the market and bought a pencil box in the shape of an equilateral triangular prism. Lili will wrap it in wrapping paper. What is the minimum area of gift paper needed to cover the entire surface of the pencil case if it has a prism length L, a side length of triangle B, and height of triangle H?



Format Input

A line consisting of 3 real numbers L, B, and H.

Format Output

A line containing the number requested (print 3 digits behind decimal point)

Constraints

 $\bullet \ 1 \leq L, B, H \leq 100$

Sample Input (standard input)

10 10 8.6602540

Sample Output (standard output)

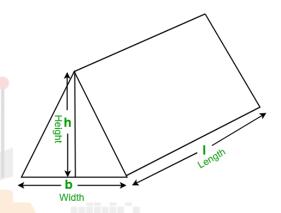
386.603

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Present From Lili

Lili ingin memberikan adiknya hadiah. Ia pergi ke pasar dan membeli sebuah kotak pensil berbentuk prisma segitiga sama sisi. Lili akan membungkusnya dengan kertas kado. Berapa luasan minimal kertas kado yang diperlukan untuk menutupi seluruh permukaan kotak pensil tersebut jika memiliki panjang prisma L, panjang sisi segitiga B, dan tinggi segitiga H?



Format Input

Sebuah baris yang terdiri dari 3 bilangan real L, B, dan H

Format Output

Sebuah baris berisi sebuah bilangan yang diminta soal (keluarkan hingga 3 digit di belakang koma)

Constraints

• $1 \le L, B, H \le 100$

Sample Input (standard input)

10 10 8.6602540

Sample Output (standard output)

386.603

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