

Square Sum

Jojo gives Lili a question. In the question, Jojo will give Lili a 4x4 square which is described below.

	a/1	b/2	c/3	d/4
	b/2	c/3	d/4	c/3
Ì	c/3	d/4	c/3	b/2
	d/4	c/3	b/2	a/1

Given integers a, b, c and d. Integers b, c, and d are not guaranteed to be divisible by 2, 3, 4 respectively. Calculate the total sum of the square. Unfortunately, Lili cannot answer Jojo's question correctly. Help Lili by making a program that will help her to answer Jojo's question correctly.

Format Input

The input consists of 3 lines. Each line consists of 4 integers.

Format Output

The output consists of 3 lines. Each line consists of total sum with 2 decimal points.

Constraints

 $0 \le a, b, c, d \le 100$ (The value of each variable always lie between 0 and 100)

Sample Input (standard input)

0 0 0 0	
1 2 3 4	
2 4 9 16	

Sample Output (standard output)

```
0.00
16.00
46.00
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Explanation

On the second line, the variable a = 1, b = 2, c = 3, d = 4. Therefore, the square is

1/1	2/2	3/3	4/4
2/2	3/3	4/4	3/3
3/3	4/4	3/3	2/2
4/4	3/3	2/2	1/1

So the value in square is equal to

1	1	1	1
1	1	1	1
1	1	1	1
1	1	1	1

So, the total sum of the square is 16.



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Square Sum

Jojo memberikan Lili sebuah soal. Di soal tersebut, Jojo akan memberikan Lili sebuah kotak berukuran 4x4 seperti berikut:

a/1	b/2	c/3	d/4
b/2	c/3	d/4	c/3
c/3	d/4	c/3	b/2
d/4	c/3	b/2	a/1

Diberikan sebuah bilangan bulat positif a, b, c dan d. Bilangan b, c dan d tidak dipastikan dapat dibagi habis dengan 2, 3, 4, dst. Hitunglah jumlah total dari kotak tersebut. Lili tidak dapat menjawab soal Jojo. Lili akhirnya meminta bantuan Anda untuk membuat sebuah program yang dapat memberikan jawaban dari soal Jojo dengan benar.

Format Input

Input terdiri dari 3 baris. Setiap baris terdiri dari 4 bilangan bulat positif.

Format Output

Output terdiri dari 3 baris. Setiap baris terdiri dari jawaban berupa bilangan dengan 2 angka dibelakang koma.

Constraints

 $0 \le a, b, c, d \le 100$

Sample Input (standard input)

0 0 0 0 1 2 3 4 2 4 9 16

Sample Output (standard output)

0.00 16.00 46.00

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Explanation

Pada baris kedua, a = 1, b = 2, c = 3, d = 4. Kotak tersebut merupakan

1/1	2/2	3/3	4/4
2/2	3/3	4/4	3/3
3/3	4/4	3/3	2/2
4/4	3/3	2/2	1/1

Nilai dari kotak tersebut adalah

1	1	1	1
1	1	1	1
1	1	1	1
1	1	1	1

Sehingga jumlah total dari kotak tersebut adalah 16.



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