Problem E
Elderberry Wine

Jeanne and her son Semi-Demi-John are engaged in the elderberry-wine making business.

The recipe requires, aside from a closely-guarded secret quantity of the letter r, strict proportions of 12 parts fresh elderberries, 12 parts brewing sugar, and 40 parts water. As long as one or more ingredients are lacking, the team will place an order for as much extra as needed to make up the weight, and start again.

For instance:

- If they have 18kg of elderberries, 9kg of sugar, and 100kg of water, they can use 9kg of elderberries, all 9kg of the sugar, and 30kg of the water and then they are stuck.
- They must then order 9kg more of sugar in order to proceed and use 9kg, 9kg, and 30kg again.
- After this they must order 12kg each of elderberries and sugar in order to finally use 12kg, 12kg, and 40kg of elderberries, sugar, and water respectively.

Phase	**Eb (kg)**	**Su (kg)**	H_2O **(kg)**
Initial Stock	18	9	100
First Brewing Run	-9	-9	-30
Remaining Stock (Stuck)	9	0	70
Sugar Order	0	+9	0
Stock After First Order	9	9	70
Second Brewing Run	-9	-9	-30
Remaining Stock (Stuck)	0	0	40
Berry + Sugar Order	+12	+12	0
Stock After Second Order	12	12	40
Final Brewing Run	-12	-12	-40

Input

The input consists of one line containing three floating-point numbers a, b, c ($0 \leq a, b, c \leq 10^{16}$): the number of kilograms of elderberries, sugar, and water respectively.

Output

Output three floating-point numbers a' b' c' giving the cumulative total quantities of elderberries, sugar, and water that will be ordered respectively.

The output must be accurate to an absolute or relative error of 10^{-6}.

Sample Input 1	**Sample Output 1**
`18 9 100`	`12 21 0`

Sample Input 2	Sample Output 2
1.5 17 5	15.5 0 51.666667

Sample Input 3	Sample Output 3
3 4 7000000000000000	2099999999999997 2099999999999996 0