

Competition



J1 / 50

Ivancho takes place in competition in three rounds. Each round consisted of some tasks and the participant receives some points between 0 and 25 for them. The points for the first round were assumed as p_1 , for the second p_2 , and for the third: p_3 . After the end of the competition the jury gives every participant mark according to this rules: The points in the first round are multiplied by 0,05, from the second one - by 0,1, and from the third – 0.15. This three numbers are summed. If the mark is bigger than 6,00, the mark of the participant is 6,00. If it is less or equal 2,99, the mark of the participant is 2,00. If it is between 3,00 and 6,00 the participant gets this mark. You have to create the program **competition**, which by given points from the three rounds calculates the participants mark.

Вход

On the single row of the input file `competition.in` there will be 3 numbers: p_1, p_2, p_3 .

Output

On the single line of the output file `competition.out` you have to print the mark that the participant with that set of points will receive. You have to print it with two digits after the decimal point.

Constrains

$1 \leq N \leq 100$

$0 \leq p_1, p_2, p_3 \leq 25$

Example

Input (<code>competition.in</code>)	Output (<code>competition.out</code>)
17 13 20	5,15

Input (<code>competition.in</code>)	Output (<code>competition.out</code>)
4 3 12	2,00

Input (<code>competition.in</code>)	Output (<code>competition.out</code>)
25 25 25	6,00

Explanation

$17 \cdot 0.05 + 13 \cdot 0.1 + 20 \cdot 0.15 = 0.85 + 1.3 + 3 = 5.15$