

A. Compote

time limit per test: 1 second
 memory limit per test: 256 megabytes
 input: standard input
 output: standard output

Nikolay has a lemons, b apples and c pears. He decided to cook a compote. According to the recipe the fruits should be in the ratio 1: 2: 4. It means that for each lemon in the compote should be exactly 2 apples and exactly 4 pears. You can't crumble up, break up or cut these fruits into pieces. These fruits — lemons, apples and pears — should be put in the compote as whole fruits.

Your task is to determine the maximum total number of lemons, apples and pears from which Nikolay can cook the compote. It is possible that Nikolay can't use any fruits, in this case print 0.

Input

The first line contains the positive integer a ($1 \leq a \leq 1000$) — the number of lemons Nikolay has.

The second line contains the positive integer b ($1 \leq b \leq 1000$) — the number of apples Nikolay has.

The third line contains the positive integer c ($1 \leq c \leq 1000$) — the number of pears Nikolay has.

Output

Print the maximum total number of lemons, apples and pears from which Nikolay can cook the compote.

Examples

input
2
5
7
output
7

input
4
7
13
output
21

input
2
3
2
output
0

Codeforces Round #386 (Div. 2)

Finished

Practice



→ Virtual participation

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Start virtual contest

→ Submit?

Language: Microsoft Visual C++ 2010 ▼

Choose file: Choose File No file chosen

Be careful: there is 50 points penalty for submission which fails the pretests or resubmission (except failure on the first test, denial of judgement or similar verdicts). "Passed pretests" submission verdict doesn't guarantee that the solution is absolutely correct and it will pass system tests.



Submit

→ Problem tags

math

No tag edit access

→ Contest materials

- Announcement 
- Tutorial 

Note

In the first example Nikolay can use 1 lemon, 2 apples and 4 pears, so the answer is $1 + 2 + 4 = 7$.

In the second example Nikolay can use 3 lemons, 6 apples and 12 pears, so the answer is $3 + 6 + 12 = 21$.

In the third example Nikolay don't have enough pears to cook any compote, so the answer is 0.

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Server time: Mar/06/2017 05:16:43^{UTC-8} (c4).
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