5RETO 10 MARATON (Calentamiento)

The least common multiple of several numbers is the smallest number that is a multiple of all of them at once.

For example, the LCM of 3 and 7 is 21, the 4 and 12 is 12, and 9 and 12 is 36.

The user will enter three whole numbers (positive, of no more than 5 figures), one per line. Your program should display the least common multiple of these three numbers.

SPANISH VERSION

Input

Three numeric integer data from standard input

Output

Show the result will also be an integer. Similarly, there should be no pause before or after the execution of the program.

Example

Input:
12
24
28

Output:

168

Input:
12
24
48

Output:

48