2 Printing books
1 point

Introduction

To earn some extra money, you decide to start working in a printing house. In your first day, you realize the boss looks worried. He should print lots of copies of a book (it's a best-seller!) and he doesn't know how many ink cartridges will remain after printing all the copies. The boss knows that he needs 3 ink cartridges for each book and he has written in a paper the number of books to print and the number of cartridges stored in the warehouse. Using your programming skills, try to help the boss ensure that there are always enough ink cartridges in the warehouse to print all the books.

HINT: Consider that there will be always enough ink cartridges in the warehouse.

Input

The input consists of two integers in two lines:
<Number of books to print>
<Number of ink cartridges available in the warehouse>

Output

Print the number of remaining cartridges after printing all the books.

Example

Input
10
80

Output
50