Q1. Candies and Wrappers (30 marks):

A candy shop sells M candy(ies) at 1 ringgit. To promote their business, the shop also lets customers exchange P candy wrappers for Q new candy(ies). Suppose that Ahmad has N ringgit.

Write a programme to

Input, in sequence, the values of M, N, P, and Q, where all of them are positive integers, and

$1 \le M \le 3$;

$1 \le N \le 100$;

$1 \le Q < P \le 10$.

Output, the maximum number of candies that Ahmad can eat**.**

试题 1. 糖果和包装纸 （30 分）:

一令吉可以在某间糖果店里买 M 颗糖果。为了促销，这间糖果店允许顾客以 P 张包装纸换取 Q 颗新的糖果。假设阿末有 N 令吉。

试写一程式以

依序输入 $M, N, P,$ 及 Q 的值。已知所有的输入值皆为正整数，并且

$1 \le M \le 3$;

$1 \le N \le 100$;

$1 \le Q < P \le 10$.

输出阿末最多可以吃到几颗糖果。

Example (例子)

Input (输入)	Output (输出)
2 1 3 1	2
3 1 2 1	5
1 30 5 2	48
2 50 8 3	157
3 100 10 9	2919