SAC '22 Code Challenge 5 Junior P1 - Monkey, Type!

Time limit: 1.0s   **Memory limit:** 256M

Max has recently discovered a new typing test website called LeetCode.

On this website, he is prompted to type as many words as possible in a given text.

He knows that he can type X words in T seconds, but he still would have $60 - T$ seconds left and wants to achieve a WPM (words per minute) of W.

Since Max is too busy typing, he cannot solve this problem, so he ~~blackmails~~ kindly requests you to help him.

Can you determine how many more words he must type to achieve W WPM?

Constraints

$1 \leq X \leq 177$

$1 \leq T \leq 59$

$X \leq W \leq 180$

Input Specification

The first line will contain an integer, X, the number of words he can type in that time.

The second line will contain an integer, T, the number of seconds it takes him to type X words.

The third line will contain an integer, W, the WPM he wants to achieve.

Output Specification

Output how many more words he must type to achieve W WPM.

Sample Input

```
120
45
165
```

Sample Output

45