
Divisability

Input file: **standard input**
Output file: **standard output**
Time limit: 0.25 seconds
Memory limit: 64 megabytes

Given **three** numbers A , B and X . Print the **summation** of numbers between A and B inclusive that are **divisible** by X .

Input

Only one line contains three numbers A , B and X ($1 \leq A, B \leq 10^9, 1 \leq X \leq 10^9$).

It's guaranteed that ($0 \leq |A - B| < 10^9$).

Output

Print the answer required above.

Examples

standard input	standard output
5 20 5	50
3 12 3	30

Note

In the first example:

The numbers **[5, 10, 15, 20]** are dividable by **5** then the result: **5 + 10 + 15 + 20 = 50**.