

2427. Number of Common Factors

Description

Given two positive integers a and b , return *the number of common factors of a and b* .

An integer x is a **common factor** of a and b if x divides both a and b .

Example 1:

Input: $a = 12, b = 6$

Output: 4

Explanation: The common factors of 12 and 6 are 1, 2, 3, 6.

Example 2:

Input: $a = 25, b = 30$

Output: 2

Explanation: The common factors of 25 and 30 are 1, 5.

Constraints:

- $1 \leq a, b \leq 1000$

