

# Greatest Common Divisor

For a given set of numbers, return the greatest common divisor. If the numbers are co-prime, return 1. Note that you may be given more than 2 numbers. All inputs can be stored in an unsigned 32-bit integer.

## Input

A list of numbers.

## Output

The greatest common divisor.

## Example

### Input:

10  
25  
50

### Output:

5