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## Multiples

X46815\_en

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Write a program that given a sequence of integers, computes the number of times a sequence element is a multiple of the previous one.

### Input

A sequence of integers.

### Output

The number of times that a sequence element is multiple of the previous one.

### Warning

The program is allowed to use variables only of types `int` and `bool`. Programs using variables of any other type will be graded with 0.

#### Sample input 1

1 -2 4 6 8 16

#### Sample output 1

3

#### Sample input 2

0

#### Sample output 2

0

#### Sample input 3

0 5 1

#### Sample output 3

0

#### Sample input 4

0 0 1

#### Sample output 4

1

#### Sample input 5

-3 3 1 0 1 0 0 -2

#### Sample output 5

4

### Problem information

Author: ProAl

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