

# UCF Local Contest (Qualifying Round) — September 3, 2022

## Easy-to-Solve Expressions

*filename:* easyexpr

*Difficulty Level:* Easy

*Time Limit:* 5 seconds

When one looks at a set of numbers, one usually wonders if there is a relationship among them? This task is more manageable if there are only three numbers.

### The Problem:

Given three distinct positive integers, you are to determine how one can be computed using the other two. Print 1 if any of the three numbers is the *sum* of the other two numbers, print 2 if any of the three numbers is the *product* of the other two numbers, print 3 otherwise. Assume that exactly one of these three messages will apply.

### The Input:

There is only one input line; it contains three distinct positive integers, each between 2 and 1000 (inclusive).

### The Output:

Print the appropriate message as described above.

### Sample Input

### Sample Output

10 30 20	1
10 20 200	2
100 5 700	3