Waterloo 2001 Winter D - Division

Time limit: 1.0s **Memory limit:** 64M

Given t, a, b positive integers not bigger than $2\,147\,483\,647$, establish whether $\frac{t^a - 1}{t^b - 1}$ is an integer with less than 100 digits. Each line of input contains t, a, b. For each line of input print the formula followed by its value, or followed by `is not an integer with less than 100 digits.`, whichever is appropriate.

Sample Input

```
2 9 3
2 3 2
21 42 7
123 911 1
```

Sample Output

```
(2^9-1)/(2^3-1) 73
(2^3-1)/(2^2-1) is not an integer with less than 100 digits.
(21^42-1)/(21^7-1) 189528844969567155545509786273841170111546801 06
(123^911-1)/(123^1-1) is not an integer with less than 100 digits.
```