Problem F
Solve It

Input: standard input
Output: standard output
Time Limit: 1 second
Memory Limit: 32 MB

Solve the equation:

$p*e^{-x} + q*\sin(x) + r*\cos(x) + s*\tan(x) + t*x^2 + u = 0$

where $0 <= x <= 1$.

Input

Input consists of multiple test cases and terminated by an EOF. Each test case consists of 6 integers in a single line: p, q, r, s, t and u (where $0 <= p,r <= 20$ and $-20 <= q,s,t <= 0$). There will be maximum 2100 lines in the input file.

Output

For each set of input, there should be a line containing the value of x, correct upto 4 decimal places, or the string "`No solution`", whichever is applicable.

Sample Input

```
0 0 0 0 -2 1
1 0 0 0 -1 2
1 -1 1 -1 -1 1
```

Sample Output

```
0.7071
No solution
0.7554
```

Mustaq Ahmed