**Eqs**

Consider equations having the following form:

*a*1*x*13+ *a*2*x*23+ *a*3*x*33+ *a*4*x*43+ *a*5*x*53=0

The coefficients are given integers from the interval [-50,50].

It is consider a solution a system (*x*1, *x*2, *x*3, *x*4, *x*5) that verifies the equation, *xi*∈[-50,50], *xi* != 0, any *i*∈{1,2,3,4,5}.

Determine how many solutions satisfy the given equation.

**Input**

The only line of input contains the 5 coefficients *a*1, *a*2, *a*3, *a*4, *a*5, separated by blanks.

**Output**

The output will contain on the first line the number of the solutions for the given equation.

|  |  |
| --- | --- |
| **Sample Input** | **Sample Output** |
| 37 29 41 43 47 | 654 |