

Distinct numbers in a multiplication table

Question:

A "multiplication table" is a table where each cell contains the multiplication results of its corresponding row and column numbers. For example, a 9 x 9 multiplication table is displayed below:

1	1								
2	2	4							
3	3	6	9						
4	4	8	12	16					
5	5	10	15	20	25				
6	6	12	18	24	30	36			
7	7	14	21	28	35	42	49		
8	8	16	24	32	40	48	56	64	
9	9	18	27	36	45	54	63	72	81
×	1	2	3	4	5	6	7	8	9

Given an $N \times N$ multiplication table (N is a 32-bits unsigned integer), create a program that prints how many distinct numbers there are in the multiplication table.

Input:

Read the values of N from the standard input, one value a line. Example:

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1
5
9
```

Output:

Write the results for corresponding N value to standard output, one result a line. Example:

1
14
36

Trend Micro Codinsanity 2014