Job 385	TAILS ame 3CDO 2 34473CDO 2 3447	3C
DE N	TAILS ANIL U	,5 005
	ANIL U	, -
30V C	oll Number 197 538 500 400 400 500 500 500 500 500 500 500	
	3BR23CD005 PERIMENT OF COMBINATIONS LEADING TO A PRODUCT escription Peroblem Statement:	
N Spring D	PERIMENT OF COMBINATIONS LEADING TO A PRODUCT escription Statement:	538R1
		3
3000	You are given an array arr and a product m. Your task is to find the number of possible unique triplets whose product of elements is m.	
	Input Format:	,06 3BP
05° 35	 The first line contains the integer, n The second line contains space seperated integers of the array, arr The third line contains the product m. 	\$ R223CT
	The input will be read from the STDIN by the candidate	BRIL
3BR23	Output Format:	
5 [©]	The output consists of a single integer, i.e. the count of unique triplets having product m.	05
	The output will be matched to the candidate's output printed on the STDOUT	300000
3000	Example:	
,	Input:	,05 3BP6
_	7	10,2
JO5 38	5 3 20 10 1 4 2	
	60	Service Control of the Control of th
(Output:	BELL
BR23	3	
	Explanation:	S. C. B. C.
	Product m:60	
	Possible triplets for product m: (5,4,3),(20,3,1), (10,3,2)	_(
	The count of unique triplets is 3.	Sp.
s	Possible triplets for product m: (5,4,3),(20,3,1), (10,3,2) The count of unique triplets is 3. ource Code:	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

```
def count_triplets(arr, n, m):
       unique_triplets = set()
        for i in range(n):
            for j in range(i + 1, n):
                for k in range(j + 1, n):
                    if arr[i] * arr[j] * arr[k] == m:
                       triplet = tuple(sorted([arr[i], arr[j], arr[k]]))
                        unique_triplets.add(triplet)
        return len(unique_triplets)
   # Input Reading
   n = int(input())
   arr = list(map(int, input().split()))
   m = int(input())
   result = count_triplets(arr, n, m)
   print(result)
                                                                                                              38R23CDO653RR236
RESULT
 6 / 6 Test Cases Passed | 100 %
```