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ĘX	3BR23CD001 PERIMENT Le NUMBER OF COMBINATIONS LEADING TO A PRODUCT Problem Statement: You are given an array arr and a product m. Your task is to find the number of possible unique triplets whose product of	2000
<u> </u>	NUMBER OF COMBINATIONS LEADING TO A PRODUCT	36
38R23G	Description 138 23000 238 2300 2001 2001 2000 2000 2000 2000 2000	30
	Hobiem Statement.	3
R23CD01	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.	
Riv	Input Format:	,0
;p00135	 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. 	\$ ⁰
	The input will be read from the STDIN by the candidate	,8
3BR23	Output Format:	
3	The output consists of a single integer, i.e. the count of unique triplets having product m.	30
	The output will be matched to the candidate's output printed on the STDOUT	3
323cD01	Example:	
2		,0
3	7	5
35000135	5 3 20 10 1 4 2	
-		W.
3BR23	Output: 3	*
30	Explanation:	4
	Product m:60	, N
	Possible triplets for product m: (5,4,3),(20,3,1), (10,3,2)	
	The count of unique triplets is 3.	^^
S	Source Code: Set 1 Set	S S

```
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)
                                                                                                              38 RR23 CD001 3R
   print(result)
RESULT
 6 / 6 Test Cases Passed | 100 %
```