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<i>S</i> 03	KUB23ECE036	J KIB,
EX	KUB23ECE036 KUB23	53
S Titl		45
, I	NUMBER OF COMBINATIONS LEADING TO A PRODUCT	Bl3kCV
4	78 Jacks Company Micro Formand 10 VI Months Carlos	2,
KCE036 [Description	4
,~	Problem Statement:	,£036 +1
,6 KUB 235	You are given an array arr and a product m. Your task is to find the number of possible unique triplets whose product of	
20	Input Format:	KNBJ3E
0.	The first line contains the integer n	F
523ECE03	 The second line contains space seperated integers of the array, arr The third line contains the product m. 	3ECEO36
	The input will be read from the STDIN by the candidate	3450
£036 KUP	Output Format:	
1030	The output consists of a single integer, i.e. the count of unique triplets having product m.	36 KUB)
	The output will be matched to the candidate's output printed on the STDOUT	30
FIB53EC	Example:	
File	Input:	35CE
1	7	,6
5ECE0361	5 3 20 10 1 4 2	ر.
540	60	1883
000	Output:	50
FIB23	3	×
	Explanation:	A REGION
	Product m:60	5
	Possible triplets for product m: (5,4,3),(20,3,1), (10,3,2)	50
	The count of unique triplets is 3.	3636
ξ	Source Code: Luby Children Color Code Code Code Code Code Code Code 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)
RESULT
 6 / 6 Test Cases Passed | 100 %
 " 47/p
```