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500	NUMBER OF COMBINATIONS LEADING TO A PRODUCT	2823CV
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6A3BR23	Description of School State of	. N
0	APERIMENT The 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	3CD06A
600	Tou are given an array are and a product in. Your task to to find the number of possible diffique tripleto whose product of	
3R23CD0	Input Format:	36A 3BR?
. <	The first line contains the integer, n	200
,CD06A35	 The second line contains space seperated integers of the array, arr The third line contains the product m. 	CO
	The input will be read from the STDIN by the candidate	,8R23cD
223	Output Format:	
OK 3BRIG	The output consists of a single integer, i.e. the count of unique triplets having product m.	3CD06A
	The output will be matched to the candidate's output printed on the STDOUT	3000
3R23CD04	Example:	(
3225	Input:	,6A 3BR2
٥	7	,61
, CDOOM 38	5 3 20 10 1 4 2	S
,00	60	
00	Output:	Bir
3BR13	3	, M
	Explanation:	* CBBA
	Product m:60	,
	Possible triplets for product m: (5,4,3),(20,3,1), (10,3,2)	8
	The count of unique triplets is 3.	SAN BET
;	Source Code: Settle State of the State of t	A STATE OF THE STA

```
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 %
```