	Logo	. 7
DOOK 38R	ETAILS Name Ook ARNKSHA N) IX
000g	STUDENT REPORT STUDENT REPORT A 38 PL 3 CHOOM 38 PL 3 CH	OOOA
DE	20 13 10 2 38 22 2 00 4 36 32 10 0 34 23 2 10 0 0 36 23 10 0 0 36 23 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	223
PESSO	ETAILS Name Dod A 38 P2 2 Chook 38 P2 2 Cho	0
×3, 1	Name of garding and the state of the state o	700 381
	Poll Number (2	
23CD001		30
	SPERIMENT A 3 BR23 CD004 (PERIMENT A 3 BR23 CD004 3 BR23	13BR2
EX	(PERIMENT, 17th 100 100 100 100 100 100 100 100 100 10	2,
Titl	NUMBER OF COMBINATIONS LEADING TO A PRODUCT	0000
N	NUMBER OF COMBINATIONS LEADING TO A PRODUCT	8230
2823C	Description	
A 3BR23 [Problem Statement:	300A 3BE
-0	You are given an array arr and a product m. Your task is to find the number of possible unique triplets whose product of	00
,R23CD00	elements is m.	3
,*	Input Format:	38RL
.DOOA38	 The first line contains the integer, n The second line contains space seperated integers of the array, arr 	
Door	The third line contains the product m.	235000
	The input will be read from the STDIN by the candidate	23
1A 3BR23(Output Format:	~
7 × 3	The output consists of a single integer, i.e. the count of unique triplets having product m.	,000A 3B
20	The output will be matched to the candidate's output printed on the STDOUT	Ş
5R23CD0C	Example:	3
	7	A382
CD00438	5 3 20 10 1 4 2	
CDOO.	60	GROS
	Output:	55000
3BR23	3	·
	Explanation:	CORPES,
	Product m:60	8
	Possible triplets for product m: (5,4,3),(20,3,1), (10,3,2)	35
	The count of unique triplets is 3.	\$1238EV
S	Source Code: 3882 3CLOOM 3BR23CLOOM 3BR23CL	AFBB RE

```
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)
                                                                                                             A38223205
   print(result)
RESULT
 6 / 6 Test Cases Passed | 100 %
```