	ELogo	10
,0° 3	DETAILS Name Can State	, , ,
S` <u> </u>	- 38kg (5100) 38kg (5100) 38kg (5100) 38kg (5100)	22365
D	DETAILS 364735 100345 1355 364735 10034 1355 364735 1003	36
93BR1	Netravathi hosamani	10° 3°
	NETRAVATTI HOSAIVIANI	5.
5R13C51	Roll Number 35 35 35 35 35 35 35 35 35 35 35 35 35	
5R2	3BR23CS109	38223
E	EXPERIMENT OF THE PROPERTY OF	700
S O T	3BR23CS109 EXPERIMENT Title NUMBER OF COMBINATIONS LEADING TO A PRODUCT Description Problem Statement:	515
	NUMBER OF COMBINATIONS LEADING TO A PRODUCT	ar 30°
- Q	see	'3 [*]
S BRITTE	Description S	20 3R
	riodem statement.	510938
3R13C51		
SRIL	Input Format:	593BR236
o.	The first line contains the integer, n	5'
5,000	 The second line contains space seperated integers of the array, arr The third line contains the product m. 	es 15
	The input will be read from the STDIN by the candidate	5R23C515
22	Output Format:	
59 3BRIT	The output consists of a single integer, i.e. the count of unique triplets having product m.	C510938
	The output will be matched to the candidate's output printed on the STDOUT	CS'
BR13CS1	Example:	0)
5R-1	Input:	593BR236
	7	5"
cs no s	5 3 20 10 1 4 2	c No
		The state of the s
N	Output:	E
3BR2		038
	Explanation:	550
	Product m:60	,
	Possible triplets for product m: (5,4,3),(20,3,1), (10,3,2) The count of unique triplets is 2	38736
	The count of unique triplets is 3.	23°C,
	Source Code: 344 ² 344 ² 500 500 500 500 500 500 500 5	ART SEE SO

```
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)
                                                                                                     28k23c5,093k6
   print(result)
RESULT
 6 / 6 Test Cases Passed | 100 %
```