	□ Solution	~~~
5 <sup>2</sup>	ETAILS  Name  Company  Marken	55
S	A STANDARD CONTRACTOR OF THE STANDARD CONTRACTOR	- 33°CS)
D	DETAILS AND	A 3BRINGS
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	KAHUL IVI	755
	AT II N	,
5R13C51	3BR23CS124	822
	A SEE SEE SEE SEE SEE SEE SEE SEE SEE SE	61243
	3BR23CS124  SEPERIMENT  Sitle  NUMBER OF COMBINATIONS LEADING TO A PRODUCT  Description  Description  Description	57
S	NUMBER OF COMBINATIONS LEADING TO A PRODUCT	305
	NUMBER OF COMBINATIONS LEADING TO A PRODUCT	3BRV
LA 38R2	Description	
LA 3V		C5^2A3
	Problem Statement.	S
3R13C51	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.	_0
58.1	Input Format:	LA 3BR 23
	The first line contains the integer, n	V
CS\2A3	<ul> <li>The second line contains space seperated integers of the array, arr</li> <li>The third line contains the product m.</li> </ul>	G^\
	The input will be read from the STDIN by the candidate	5R23C5
N	Output Format:	
LA 38R2	The output consists of a single integer, i.e. the count of unique triplets having product m.	200
V	The output will be matched to the candidate's output printed on the STDOUT	CSNAS
cs <sup>^</sup>	Example:	
8273°	Input:	LA 38R2
	7	LA
12A3	5 3 20 10 1 4 2	
CS'	60	ાર્જિક
	Output:	
BRIT	3	O <sub>3</sub>
	Explanation:	C3/1/38
	Product m:60	5
	Possible triplets for product m: (5,4,3),(20,3,1), (10,3,2)	
	The count of unique triplets is 3.	1837
	Source Code:  38823 STAN SERVICES TO A SERVICE TO A SERVICE TO A SERVICES TO A SERVICE TO A	. 3883

```
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)
                                                                                                    28223C512A38V
   print(result)
RESULT
```

6 / 6 Test Cases Passed | 100 %