Logo	
STUDENT REPORT STORES STUDENT SET	200
Series Mary Color Series Analy Store Bush Series	55,008
DETAILS Store Name 1873 C54108 LUBP 254108 LUBP 25410	
DETAILS Name 11813 LEDOS MUR 23-CELOOS MUR	182
A.Mallikarjuna	Pto
2 Poll Number 1	
KUB23CSE008	CSE
EXPERIMENT, CFLORE LUBY CONTROL LUBY CFLORE LUBY CFLOR	5,3
NUMBER OF COMBINATIONS LEADING TO A PRODUCT	**
NUMBER OF COMBINATIONS LEADING TO A PRODUCT Description Problem Statement:	230
Problem Statement:	M823
You are given an array arr and a product m. Your task is to find the number of possible unique triplets whose product of	
Input Format:	3CSEOC
The second line contains the integer, n The second line contains space separated integers of the array arr	108 FJ
The input will be read from the STDIN by the candidate	200
Output Format:	
The output consists of a single integer, i.e. the count of unique triplets having product m.	J823°C
The output will be matched to the candidate's output printed on the STDOUT $lacksquare$	20
Example: Input:	
Input:	SEOOS
7	J*
5 3 20 10 1 4 2 60	23
60	83498
Output:	5
Library 3	4
Explanation:	3500
Product m:60	
Possible triplets for product m: (5,4,3),(20,3,1), (10,3,2)	285
The count of unique triplets is 3.	18 13 C
Source Code: Libra Cation of Library Carlon of L	KIN BES

```
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 %
```