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EXPERIMENT 1 Title CS 10 A PRODUCT AND THE COMPLICATIONS I FADING TO A PRODUCT AND THE COMPLICATIONS I FADING TO A PRODUCT AND THE COMPLICATION OF THE COMPLICATI	cs [^]
NUMBER OF COMBINATIONS LEADING TO A PRODUCT	222
Description 1 38 Problem Statement:	C57019
r roblem statement.	5570
Tou are given an array an and a product in. Your task is to find the number of possible unique triplets whose product of	
Input Format:	3BR2
 The first line contains the integer, n The second line contains space seperated integers of the array, arr 	
The input will be read from the STDIN by the candidate	3R23CS
Output Format:	
The output consists of a single integer, i.e. the count of unique triplets having product m.	cs101?
The output will be matched to the candidate's output printed on the STDOUT	5
Example: Input:	
SEE Input:	13BR2
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Output:	
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Explanation:	S S
Product m:60 Product m:60 (5.4.2) (20.2.1) (10.2.2)	
Possible triplets for product m: (5,4,3),(20,3,1), (10,3,2) The count of unique triplets is 3.	13873°
	290
Source Code: 3482 School Stranger Stran	A CAR

```
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)
                                                                                                     28R23C51013BE
   print(result)
RESULT
 6 / 6 Test Cases Passed | 100 %
```