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STUDENT REPORT CONTINUES C	
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EXPERIMENT 6 3 PRO 16 STREET S	20°
NUMBER OF COMBINATIONS LEADING TO A PRODUCT	BR23K
Description  Problem Statement:	5°
Problem Statement:	5007638
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:	63BR2
The first line contains the integer, in     The second line contains space separated integers of the array, arr	
The input will be read from the STDIN by the candidate	,R23EC0
Output Format:	
Output Format:  The output consists of a single integer, i.e. the count of unique triplets having product m.	Eco 30 32
The output will be matched to the candidate's output printed on the STDOUT	£CO.
Example: Input:	
Input:	10 3BR2?
7	0
5 3 20 10 1 4 2 60	e O
60	BREGA
Output:	23
3 3	(20)
Explanation:	18 Jan
Product m:60	5
Possible triplets for product m: (5,4,3),(20,3,1), (10,3,2)	A Cold
The count of unique triplets is 3.	138
Source Code:  Set 1 Set	AND SEE SEE

```
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 %
```