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EXPERIMENT, 25 Strong Light 25	
EXPERIMENT Title NUMBER OF COMBINATIONS LEADING TO A PRODUCT Description Self-30 Minh 30 S	
NUMBER OF COMBINATIONS LEADING TO A PRODUCT	55
NUMBER OF COMBINATIONS LEADING TO A PRODUCT	
NUMBER OF COMBINATIONS LEADING TO A PRODUCT Description Problem Statement:	. ()
Problem Statement:	V
You are given an array arr and a product m. Your task is to find the number of possible unique triplets whose product of	
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. Input Format:	300
, f	V
 The first line contains the integer, n The second line contains space seperated integers of the array, arr The third line contains the product m. 	
The third line contains the product m. The input will be read from the STDIN by the candidate	03
The input will be read from the STDIN by the candidate	
Output Format: The output consists of a single integer, i.e. the count of unique triplets having product m.	
	J&
The output will be matched to the candidate's output printed on the STDOUT	
Example: Input:	£
8,1	5
7 532010142	
5 3 20 10 1 4 2 60	187
Output:	5*
Supple 3	
Explanation:	7.56.
Product m:60	
Possible triplets for product m: (5,4,3),(20,3,1), (10,3,2)	0.
The count of unique triplets is 3.	J.
Source Code: LUBD'S CELOSO LUBP'S CELOSO LUB	138

```
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)
6 / 6 Test Cases Passed | 100 %
```

RESULT