55.38 SE	ETAILS Name State St	, 5 ·
65,38	STUDENT REPORT STAILS Name of the property o	650.
	STAILS Name SOUDENT REPORT AND STAILS SANJANA R BHARADE	SPR 3
DE	TAILS SEE SEE SEE SEE SEE SEE SEE SEE SEE S	
30° N	Name of the state	7303
	SANJANA R BHARADE	
5R13C51#	Roll Number 38 55 55 55 55 55 55 55 55 55 55 55 55 55	
38	3BR23CS138	3BRIV
EX		(3)
Titl		es^?
l l	NUMBER OF COMBINATIONS LEADING TO A PRODUCT	BRIB
58 SHELL D	Description	,
200 P	sescriptions and a sescription of the sescription o	5,38 38
	Troblem statement.	CS'
5R13C51?	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 20
32	Input Format:	38 3BR136
o ^Q	• The first line contains the integer, n	
C5\38 31	 The second line contains space seperated integers of the array, arr The third line contains the product m. 	cs?
	The input will be read from the STDIN by the candidate	3R23C51?
38 3BR13	Output Format:	
30	The output consists of a single integer, i.e. the count of unique triplets having product m.	Co And
	The output will be matched to the candidate's output printed on the STDOUT	S
3R23C51?	Example:	2
SRI	Input:	38 3BR235
28	7	5
CS NA BR	5 3 20 10 1 4 2	Can's
,0		
3BR236	Output:	7
381		1380 P
	Explanation: Product m:60	530
	Possible triplets for product m: (5,4,3),(20,3,1), (10,3,2)	o.
	The count of unique triplets is 3.	A REPORT
		5
S	Source Code: Service	A CANGE

```
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 %
```