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D D	3BR23CS140 PERIMENT NO STATE OF COMBINATIONS LEADING TO A PRODUCT Sescription Statement:	CS AD S
	Froblem Statement.	cs
5R23C51	You are given an array arr and a product m. Your task is to find the number of possible unique triplets whose product of	
5P.	Input Format:	,03BR2
CS AD 3R	 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	5R23C51
23	Output Format:	
*03BEJ3	The output consists of a single integer, i.e. the count of unique triplets having product m.	CSTAO
	The output will be matched to the candidate's output printed on the STDOUT	CS
acs\1	Example:	
3R23	Input:	*0 3BKJ
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200	Output:	EL
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	Explanation:	CSN A.3.
	Product m:60	, -
	Possible triplets for product m: (5,4,3),(20,3,1), (10,3,2)	200
	The count of unique triplets is 3.	33gx
s	Source Code: 382 CELLO ST. 1825 CELL	cs)

```
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 %
```