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\e^*	TEMPBTech-CSE028	_ ENPB
EX Titl	TEMPBTech-CSE028 CPERIMENT Le NUMBER OF COMBINATIONS LEADING TO A PRODUCT Problem Statement: 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.	,8°
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	Problem Statement:	MPBTec
EMPBIE	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.	
E.	Input Format:	5K02878
CSE0781	 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. 	o Vectic
	The input will be read from the STDIN by the candidate	STEC
ch'	Output Format:	
NPBTech!	The output consists of a single integer, i.e. the count of unique triplets having product m.	STEM
	The output will be matched to the candidate's output printed on the STDOUT	328
£028 (EN	Example:	
6020	Input:	echics ^E
	7	ec'
stechics'	5 3 20 10 1 4 2	~
5°	60	A SHARING THE SHAR
	Output:	28
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	Explanation:	in the state of th
	Product m:60	
	Possible triplets for product m: (5,4,3),(20,3,1), (10,3,2)	, &
	Possible triplets for product m: (5,4,3),(20,3,1), (10,3,2) The count of unique triplets is 3. Source Code: Link House Code: Link Hous	H. H
9	Source Code: \[\text{Link} \text{Phi Common Code} \] \[\text{Link} \text{Phi Code} \] \[\text{Link} Phi	

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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 %
              08/05
```