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E) Tit	TEMPBTech-CSE035  (PERIMENT Description of 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.	is in Cost 103to
chi csto3	Description Negles Street Stragge Stra	
9	Problem Statement:	MPBTec
EMPHTE	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.	
EL	Input Format:	5E0355
csto351	• The accord line contains the integer, n	8Tech.
	The input will be read from the STDIN by the candidate	&Tec
ch'	Output Format:	
NPBTech!	The output consists of a single integer, i.e. the count of unique triplets having product m.	35 [EM
	The output will be matched to the candidate's output printed on the STDOUT	335
£0357EM	Example:	
£035	Input:	echicsk
	7	eC,
stechics'	5 3 20 10 1 4 2	٨
5°-	60	J. H. R.
-8	Output:	30
(EMPP	3	Ω∞
	Explanation:	Part of the Control o
	Product m:60	£,,
	Possible triplets for product m: (5,4,3),(20,3,1), (10,3,2)	, es
	The count of unique triplets is 3.	MERRIE
	Source Code:  \[ \( \text{Link}^{\text{R}} \\ \text{Link}^{\text{Link}^{\text{R}}} \\ \text{Link}^{\text{Link}^{\text{Link}^{\text{Link}^{\text{Link}^{\text{Link}^{\text{Link}^{\text{Link}^{\text{Link}^{\text{Link}^{\text{Link}^{\text{Link}^{Link	

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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 %
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