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-c/1/0	TEMPBTech-CSE042 PERIMENT LON TEMPBTE CTIL CSECURAL TEMPBTE CONTINUE TEMPBTE CTIL CSECURAL TEMPBTE CTIL CSECU	CSEO AZ
N D	UMBER OF COMBINATIONS LEADING TO A PRODUCT escription Product Steeling To A PRODUCT Steeling Tenner Steeling	MPBTech
,	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	WED
EMPBTe'	elements is m.	∠¢`
	Input Format:	SEDARTE"
CSEOAZÍ	The count line contains the integer, n The count line contains the integer, n	& Tech.cs
	The input will be read from the STDIN by the candidate	& CC.
MBlechi	Output Format:	4
NB	The output consists of a single integer, i.e. the count of unique triplets having product m.	JA2 TEMP
	The output will be matched to the candidate's output printed on the STDOUT	JA?
EDAZZER	Example:	2.5
EOK	Input:	ech-cstc
c.	7	©~
STectices'	5 3 20 10 1 4 2	
8	60	THE ROOM
.09	Output:	b. V
(EMPP	3	a A
	Explanation:	FLEEN
	Possible triplets for product m: (5,4,3),(20,3,1), (10,3,2)	18KK
	The count of unique triplets is 3.	EMENT TO
Se	Possible triplets for product m: (5,4,3),(20,3,1), (10,3,2) The count of unique triplets is 3. Durce Code: LEND HEROLE SELECTION AND THE PRODUCT OF THE P	

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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 %
```