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3BR22	Name 3c Sol 1 1 2 3 2 Sol 1 2 Sol 2	, %
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	Roll Number - S	
5R13C501		
	3550 138EV 38EV 501A'S 13550 138EV 501A'S 13550	J 381
EX	SPERIMENT Sele NUMBER OF COMBINATIONS LEADING TO A PRODUCT Description Description	,9
50° Titl	lle 255 AND SERVICE AND SERVIC	S
,	NUMBER OF COMBINATIONS LEADING TO A PRODUCT	38273
A SERVICE	Description A PROBLEM TO A PROB	
1230		csolva
	Flobletti Statement.	S
3R13C501	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.	o c
38	Input Format:	1×38R22
28	The first line contains the integer, n	\.
,csola 38	The second line contains space seperated integers of the array, arrThe third line contains the product m.	رج
	The input will be read from the STDIN by the candidate	3R23C50
1 A 3 B R 2 3 '	Output Format:	
1436,	The output consists of a single integer, i.e. the count of unique triplets having product m.	csol
	The output will be matched to the candidate's output printed on the STDOUT	CS
3R13C501	Example:	0
SRI	Input:	1A3BR2
0	7	100
,C501A38	5 3 20 10 1 4 2	c.S
,03	60	18985
or of	Output:	EL-
3BR23	3	n.
	Explanation:	620131
	Product m:60	,7
	Possible triplets for product m: (5,4,3),(20,3,1), (10,3,2)	
	The count of unique triplets is 3.	1888
S	Source Code: 3HEP 3CSUIABRE SCENIABRE SCENIAB	

```
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 %
```