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ber [3BR23CS039	38R2
EX	PERIMENT 3 3 4 1 2 5 3 3 3 4 1 2 5 3 3 3 4 1 2 5 3 3 3 4 1 2 5 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	33
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N N	NUMBER OF COMBINATIONS LEADING TO A PRODUCT	22305
N D	3BR23CS039 (PERIMENT) Ie NUMBER OF COMBINATIONS LEADING TO A PRODUCT Specific to the statement:	36,
3BRV D	Descriptions of the second of	3
5'	Problem Statement:	CSOSOS
5R23C50?	You are given an array arr and a product m. Your task is to find the number of possible unique triplets whose product of	
255	Input Format:	59 3BRV
0	The first line contains the integer, n	500
C5039 38	 The second line contains space seperated integers of the array, arr The third line contains the product m. 	650
,	The input will be read from the STDIN by the candidate	5R23C50
273	Output Format:	
39 3BR13	The output consists of a single integer, i.e. the count of unique triplets having product m.	CS OSO S
	The output will be matched to the candidate's output printed on the STDOUT	CSO
acso?	Example:	
3R23	Input:	39 3BRI
0	7	50
CSO39 38	5 3 20 10 1 4 2	-0
,5	60	18 J. C. C. S. S. S. C. C. S. S. S. C. S. S. S. C. S. S. S. C. S. S. S. S. C. S.
000	Output:	M.
3BR23	3	0.00
	Explanation:	(2) (2) (3) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4
	Product m:60	5
	Possible triplets for product m: (5,4,3),(20,3,1), (10,3,2)	
	The count of unique triplets is 3.	338
S	Source Code: 38th San	

```
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 %
```