KNB13CSF	ESELIS PRINT REPORT STUDENT REPORT SELIS PRINT SELIS	23
DETAILS Name VIKAS	CSL MB13CSE128 MB13CSE	No.
Roll Num		\\ \partial
EXPERIM Title	COF COMBINATIONS LEADING TO A PRODUCT	SELSO SELSO
110010	m Statement: e given an array arr and a product m. Your task is to find the number of possible unique triplets whose product of	SELIFO
eleme		82
• T	The second line contains the integer, in	39 KUB2 ² .
i ne in	put will be read from the STDIN by the candidate	323CSEN.
Outpu	t Format:	0
The ou	ritput consists of a single integer, i.e. the count of unique triplets having product m.	E159 KUR
The ou	tput will be matched to the candidate's output printed on the STDOUT	E
Examp	ele:	É
		NB73CS
7		
¢,	10 1 4 2	582
		SERISPIT
Outpu		,
	ation:	(1893) E
Explan	ation: ct m:60	RIABER
		z.(
	le triplets for product m: (5,4,3),(20,3,1), (10,3,2)	16EX 1997
ine co	ount of unique triplets is 3.	Des .
Source (le triplets for product m: (5,4,3),(20,3,1), (10,3,2) bunt of unique triplets is 3. Code: LURA CELLS ALURA CELL	L'é PUNE

```
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)
                                                                                                            LIBIZELISA.
RESULT
 6 / 6 Test Cases Passed | 100 \%
```