| 25 | □Logo | |
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| B | S SHREEDHAR | 5 |
| 277 K | Il Number (UB23CSF017 | , 8 ¹ |
| \$ | 142, 2260, 1185, 011, 0302, 142, 2860, 1185, 3 | 1,40, |
| ĒXP | ERIMENT, 13 CONTROL OF THE PROPERTY OF THE PRO | , |
| Title | EDITE 373CSF 1418, CSEDI, MB53C EDITE 373CSF 1418, | SE |
| 13111 | IMBER OF COMBINATIONS LEADING TO A PRODUCT | 1873° |
| De: | | |
| CSK | Problem Statement: | ;E017 41 |
| ' | You are given an array arr and a product m. Your task is to find the number of possible unique triplets whose product of | 5 |
| 0.0 | | , C |
| | Input Format: | KNB73C |
| 513C5E01 | The first line contains the integer, n The second line contains space seperated integers of the array array. | |
| 330 | The third line contains the product m. The input will be read from the STDIN by the condidate. | 3C5E011 |
| | The input will be read from the STDIN by the candidate Output Format: | 30 |
| 14 | | , &) |
| | The output will be matched to the candidate's output printed on the STDOUT | 17 KJB) |
| | Example: | |
| 180°3 | Input: | CSE C |
| | 7 | 1873 |
| .011 | 5 3 20 10 1 4 2 | |
| September 1 | 60 | alk! |
| 0 | Output: | 31, |
| F7855 | 3 | 36 |
| | Explanation: | 4383E |
| F | Product m:60 | × · |
| F | Possible triplets for product m: (5,4,3),(20,3,1), (10,3,2) | (2) |
| 7 | The count of unique triplets is 3. | 3821, |
| So | urce Code: LUBD 3C5 ED 17 LUBD 3C5 SED 17 LUBD | TIBLISE |

```
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 %
 1470
```