```
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)
6 / 6 Test Cases Passed | 100 %
```

RESULT