Source Code:

```
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)
   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 %
```