```
def find_unique_triplets(arr, m):
               n = len(arr)
               triplet_set = set()
              for i in range(n):
                  for j in range(i + 1, n):
                      for k in range(j + 1, n):
                          product = arr[i] * arr[j] * arr[k]
                          if product == m:
                              triplet_set.add(tuple(sorted((arr[i], arr[j], arr[k]))))
               return len(triplet_set)
          if __name__ == "__main__":
               import sys
               input = sys.stdin.read
               data = input().splitlines()
               n = int(data[0])
               arr = list(map(int, data[1].split()))
               m = int(data[2])
               result = find_unique_triplets(arr, m)
               print(result)
      RESULT
6 / 6 Test Cases Passed | 100 %
```