```
def count_unique_triplets(arr, m):
        n = len(arr)
        unique_triplets = 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 = tuple(sorted((arr[i], arr[j], arr[k])))
                        unique_triplets.add(triplet)
        return len(unique_triplets)
    import sys
    input = sys.stdin.read
    data = input().strip().splitlines()
    n = int(data[0])
    arr = list(map(int, data[1].split()))
    m = int(data[2])
    result = count_unique_triplets(arr, m)
    print(result)
RESULT
  6 / 6 Test Cases Passed | 100 %
```