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| DETAILS Name Name JAGADEESH B | Blechicston ite |
| JAGADEESH B | |
| TEMPBTech-CSE041 | LEW & C |
| TEMPBTech-CSE041 | EMPB |
| EXPERIMENT IT I | ech cston temps fe |
| Description Descri | TEMPETECH'S ECT |
| Problem Statement: | TEMP MPSTEEL |
| You are given an array arr and a product m. Your task is to find the number of possible unique triplets whose product or elements is m. Input Format: | f |
| Input Format: | SEOAT (ET |
| The first line contains the integer, n The second line contains space seperated integers of the array, arr The third line contains the product m. | stectifics. |
| The input will be read from the STDIN by the candidate | of e |
| Output Format: | |
| Output Format: The output consists of a single integer, i.e. the count of unique triplets having product m. | JAT LEMP' |
| The output will be matched to the candidate's output printed on the STDOUT | ,A ¹ |
| Example: | |
| Input: | Y.CSEL |
| 7 | °C, |
| 5 3 20 10 1 4 2 | A |
| 5 [∞] 60 | CHARLES . |
| Output: | N. Carlotte |
| LEWES 3 | ₩. |
| Explanation: | C. E. S. C. |
| Product m:60 | \$0. |
| Possible triplets for product m: (5,4,3),(20,3,1), (10,3,2) | √ ⊗ce € |
| The count of unique triplets is 3. | A RELEASE |
| Source Code: (Fig. 2) | Self. |

```
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 %
```

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