Input:

11 21 32 45 1 23

Output:

77

Explanation:

Source Code:

```
from collections import defaultdict
def prime_factors(num):
   factors = defaultdict(int):
    while num % 2 == 0:
        factors[2] += 1
        num //= 2
    for i in range(3,int(num**0.5) +1,2):
        while num % i == 0:
            factors[i] += 1
            num //= i
    if num > 2:
        factors[num] += 1
    return factors
def calculate_prime_index_sum(arr, num):
    if not arr:
        return -1
    factors = prime_factors(num)
    total sum = 0
    valid_prime_found = False
    for prime, power in factors.items():
        if prime < len(arr):</pre>
            total_sum += power * arr[prime]
            valid_prime_found = True
    return total_sum if valid_prime_found else 0
if _name_ == "_main_":
    n = int(input())
    arr = list(map(int,input().split()))
    num = int(input())
    result = calculate_prime_index_sum(arr, num)
    print(result)
```

RESULT

0 / 5 Test Cases Passed | 0 %

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