a Co

Explanation:

```
Source Code:
```

```
def prime_factorization_sum(arr, num):

prime_factors = []
while num > 1:
    for i in range(2, int(num**0.5) + 1):
        if num % i == 0:
            prime_factors.append(i)
            num //= i
            break
    else:
        prime_factors.append(num)
        break

return sum(arr[i] for i in prime_factors if i < len(arr))</pre>
```

# Example usage:
n=int(input())
arr = list(map(int,input().split()))
num = int(input())
result = prime\_factorization\_sum(arr, num)
print(result) # Output: 9 (arr[2]

RESULT

3 / 5 Test Cases Passed | 60 %

1<sup>A</sup>

36

COTA

30

"3BR"

-01A

"SCSO"