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,23E	STUDENT REPORT NOT THE PORT OF	(CE031 KJ)
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steetosh	CDEDINAPATE 33/ AFEROS LIBEST LIBEST STEELS AFIBES (ED3)	
Tit	CPERIMENT  Cle Co 2  SUM OF NUMBERS AT PRIME FACTORS  LUB 23 LUB	CE031 43
	Description	KN853ECE
1823ECEC	Prime factors of a positive integer are the prime numbers that divide that integer exactly.	4
SBL		.CE031
4	Let's suppose prime factorization of num is: $p^a x q^b x r^c x x z^f$ , where p,q,rz are prime numbers.	×
CEO31	Sum of numbers in array arr at indices of prime factors of number num is: a x arr[p] + b x arr[q] + c x arr[r] + + f x arr[z].	1823
	You are given an array arr of size n and a positive integer num. You are required to calculate the sum of numbers in arr as mentioned above, and print the same.	2, 40
KUB235	Note:	
+	<ul> <li>If arr is empty, print -1.</li> <li>If prime factor of num not found as indices, print 0.</li> </ul>	873ECE
. CEO3	Input Format:	
235	The input consists of three lines:	31 K)
27 LUP	<ul> <li>The first line contains an integer, i.e. n.</li> <li>The second line contains an array arr of length of n.</li> <li>The third line contains an integer num</li> </ul>	\$ C
100	The input will be read from the STDIN by the candidates.	(EUB 23)
4.C	Output Format:	,
KUB23EC	Print the sum that was mentioned in the problem statement.	& Q35
	Example:	BELLE
,	Input: 6	
	11 21 32 45 1 23	, 03fdE08
	6	D
	Output:	
	77	:1082312

Explanation:

```
6=2^1 \times 3^1
    sum=1*arr[2]+1*arr[3]=1*32+1*45=77
  Source Code:
    import math
    def isPrime(n):
        for i in range(2,int(math.sqrt(n))):
           if n%i==0:
               return False
        return True
    N=int(input())
    A=list(map(int,input().strip().split()))
    P=int(input())
    numsP=dict()
    for i in range(2,P+1):
        while isPrime(i) and p%i==0:
           numsP[i]+=1
        else:
            numsP[i]=1
        p=p//i
    answer=0
    for key,value in numsP.items():
        if key
RESULT
  0 / 5 Test Cases Passed | 0 %
```