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,230	CELECTION OF SERVICE S	05/40
	STUDENT REPORT OF THE PORT OF	556
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321	XPERIMENT  itle  SUM OF NUMBERS AT PRIME FACTORS  Description  Story of the story o	23054
		47/2
1823 CSES	Prime factors of a positive integer are the prime numbers that divide that integer exactly.	
586	Given an array arr of n integers and a positive integer num.	CSEO21
1	Let's suppose prime factorization of num is: $p^a x q^b x r^c x \dots x z^f$ , where p,q,rz are prime numbers.	
SE021 +	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].	23
	above, and print the same.	1 KUB23
147853	Note:	ć
14	<ul> <li>If arr is empty, print -1.</li> <li>If prime factor of num not found as indices, print 0.</li> </ul>	823C5EV
EKON	Input Format:	
,230	The input consists of three lines:	27 40
	• The first line contains an integer, i.e. n.	SEC
1 th	<ul> <li>The second line contains an array arr of length of n.</li> <li>The third line contains an integer num</li> </ul>	C
500	The input will be read from the STDIN by the candidates.	3HODAS 3C
C	Output Format:	2
UB23C	Print the sum that was mentioned in the problem statement.	SET
	Example:	18085
	Input:	
	6	#DEF
	11 21 32 45 1 23	1387
	6	
	Output:	50 B 088
	77	Min
	Explanation:	

```
6=2^1 \times 3^1
    sum=1*arr[2]+1*arr[3]=1*32+1*45=77
  Source Code:
    def solve(arr,num):
        primes=[]
        for i in range(2,(num//2)+1):
            while num%i==0:
                primes.append(i)
                num=num//i
        if num>2:
            primes.append(num)
        ans=0
        for i in primes:
            try:
                ans+=arr[i]
            except:
                return 0
        return ans
    n=int(input())
    if n !=0:
        arr=list(map(int,input().split()))
        num=int(input())
        print(solve(arr,num))
    else:
        print(-1)
RESULT
  5 / 5 Test Cases Passed | 100 %
```