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EPERIMENT LIP 3 NC ROOF LUB 3	D K1853 W
Description By 3 nc book 11873 nd 3 nc book 11873 nc book	73MCA000
Prime factors of a positive integer are the prime numbers that divide that integer exactly.	
Given an array arr of n integers and a positive integer num.	20 KJB2?
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.	20
Sum of numbers in array arr at indices of prime factors of number num is: a x $arr[p] + b x arr[q] + c x arr[r] + + f x arr[z]$.	PO
above, and print the same.	323MCA01
Note:	JP
 If arr is empty, print -1. If prime factor of num not found as indices, print 0. 	5000 FILE
Input Format:	c. ⁵
The input consists of three lines:	1853MC
 The first line contains an integer, i.e. n. The second line contains an array arr of length of n. The third line contains an integer num 	Ž,
The input will be read from the STDIN by the candidates.	"O'E DOO
Output Format:	8.
Print the sum that was mentioned in the problem statement.	334
Example:	29 Mg
Input:	
6	DEAD
11 21 32 45 1 23	2 Billion
6	. P.
Output:	WOR TO
Fyplanation:	P.
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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
RESULT
  2 / 5 Test Cases Passed | 40 %
```