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	STUDENT REPORT OF SHAPE OF SHA	3CR090"
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Ú°	SOM OF NOWIDERS AT PRIME FACTORS OF A SHEP SOME SHEP SHEP SHEP SHEP SHEP SHEP SHEP SHE	1903BR13C
10003BR	Prime factors of a positive integer are the prime numbers that divide that integer exactly.	9
50'	Given an array arr of n integers and a positive integer num.	123CA095
7	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.	-
3BR23CF	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 $[z]$.	088
	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	P000 38E
13CA090	Note:	~ C
	If prime factor of num not found as indices, print 0.	3882730
,090 3BP	Input Format:	
2000	The input consists of three lines:	CKOO,
08R23CP	 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 	733
70	The input will be read from the STDIN by the candidates.	2000
0	Output Format:	`
23CA090	Print the sum that was mentioned in the problem statement.	30
V	Example:	373
a.P.	Input:	\$
%`	6	20%
	11 21 32 45 1 23	13000
	6	,
	Output:	30,
	77	103gr

Explanation:

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sum=1*arr[2]+1*arr[3]=1*32+1*45=77

