Sashko-Array Constructor

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If the maximum prime divisor of x is greater than d, then the answer is -1. This is because to obtain a product equal to n, all its prime divisors must be used.

To find an array of minimum length, you can follow the same greedy algorithm:

- if the number is equal to 1, then finish the work.
- let k be the maximum divisor of x that is not greater than d. Write the number k to the array and divide x by k.

Finding the divisor can be done with a complexity of $O(\sqrt{x})$.