970. Powerful Integers

Description

Given three integers `x` , `y` , and `bound` , return *a list of all the* ***powerful integers*** *that have a value less than or equal to* `bound` .

An integer is **powerful** if it can be represented as $x^i + y^j$ for some integers `i >= 0` and `j >= 0` .

You may return the answer in **any order** . In your answer, each value should occur **at most once** .

Example 1:

```
Input: x = 2, y = 3, bound = 10
Output: [2,3,4,5,7,9,10]
Explanation:
2 = 2^0 + 3^0
3 = 2^1 + 3^0
4 = 2^0 + 3^1
5 = 2^1 + 3^1
7 = 2^2 + 3^1
9 = 2^3 + 3^0
10 = 2^0 + 3^2
```

Example 2:

```
Input: x = 3, y = 5, bound = 15
Output: [2,4,6,8,10,14]
```

Constraints:

- `1 <= x, y <= 100`
- `0 <= bound <= 10^6`