780. Reaching Points

Description

Given four integers `sx` , `sy` , `tx` , and `ty` , return `true` *if it is possible to convert the point* `(sx, sy)` *to the point* `(tx, ty)` *through some operations , or* `false` *otherwise* .

The allowed operation on some point `(x, y)` is to convert it to either `(x, x + y)` or `(x + y, y)` .

Example 1:

```
Input: sx = 1, sy = 1, tx = 3, ty = 5
Output: true
Explanation:
One series of moves that transforms the starting point to the target is:
(1, 1) -> (1, 2)
(1, 2) -> (3, 2)
(3, 2) -> (3, 5)
```

Example 2:

```
Input: sx = 1, sy = 1, tx = 2, ty = 2
Output: false
```

Example 3:

```
Input: sx = 1, sy = 1, tx = 1, ty = 1
Output: true
```

Constraints:

- `1 <= sx, sy, tx, ty <= 10 9`