

t4b

(60 points) Verify if you can convert integer a to integer b. You can use only two operations, (1) multiply by 2 and (2) multiply by 10 and add by 1. If it can be converted to b, return True. Otherwise, False.

Input
a b

$$\%2 == 0$$

Output
True or False

162

81

Example 1

Input
2 162

Output
True

Explanation: $2 \rightarrow 4 \rightarrow 8 \rightarrow 81 \rightarrow 162$

Example 2

Input
4 42

Output
False

5

5) 50
~~100~~

1
50
x 5
250
~~250~~
255

Example 3

Input
100 400121

Output
True

Explanation: $100 \rightarrow 200 \rightarrow 2001 \rightarrow 4002 \rightarrow 40021$

4002
10 | 40020

40021
-1

40020 / 100 = 400.2