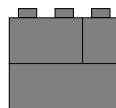


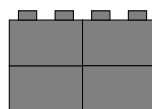
## Problem D- Linking Legos

As a kid, Legos were the bestest toy ever. Now, it's time for a grown-up version.

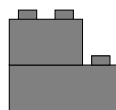
Simply stated, the problem is this. Given a collection of  $1 \times k$  Lego bricks, whose total combined length is  $2n$ , can you build a completely attached structure that is exactly  $2 \times n$ ?



Yes: A 2x3 attached structure.



No: It's 2x4, but not attached.



No: It's 2 on the top layer, 3 on the bottom.

(If you never played with Legos, bricks can attach to other bricks only from top to bottom, never from side to side.)

### Input Specification:

Each test case will be 5 integers long,  $x_1, x_2, x_3, x_4, x_5$ , representing the number of  $1 \times 1$ ,  $1 \times 2$ ,  $1 \times 3$ ,  $1 \times 4$  and  $1 \times 5$  bricks available, respectively. There will never be more than 15 of each length of brick.

The input ends on the case with five 0s.

### Output Specification:

For each case, you will output "Yes" if it is possible, "No", if it's not.

### Sample Input:

```
2 0 0 0 0
1 1 1 0 0
0 4 0 0 0
0 1 1 0 0
0 0 0 0 0
```

### Sample Output:

```
Yes
Yes
No
No
```