Two Rolls

Chef is playing a board game, and is currently at position X.
To win, he needs to reach position 50.

Chef has a pair of 6-sided dice, which will decide how he moves - he will roll the pair of dice, sum up the numbers on them, and then move exactly that many steps forward.
More precisely, if the dice show values of d_1 and d_2, Chef must move from X to $(X + d_1 + d_2)$.

However, Chef's dice are a bit weird: rather than starting from 1, they start from Y.
That is, the values on a single die are Y, $Y + 1$, $Y + 2$, $Y + 3$, $Y + 4$, $Y + 5$.

Is it possible for Chef to win the game by reaching position 50, after **exactly one turn**?
Note that Chef must exactly land on position 50 after his move - going beyond it does not count as a win.

Input Format

- The first line of input will contain a single integer T, denoting the number of test cases.
- The first line and only of each test case contains two space-separated integers X and Y — the current position of Chef and the starting value on the dice, respectively.

Output Format

For each test case, output on a new line the answer: Yes if Chef can reach position 50 in exactly one turn, and No otherwise.

Each character of the output may be printed in either uppercase or lowercase, i.e. the strings $\text{NO}, \text{No}, \text{nO}$, and no will all be treated as equivalent.

Constraints

- $1 \leq T \leq 2500$
- $1 \leq X < 50$
- $1 \leq Y \leq 50$

Sample 1:

Input	Output
4 46 1 36 1 36 2 28 14	Yes No Yes No

Explanation: