Currency Exchange

Chef currently has A_1 gold coins and B_1 silver coins with him.

He can perform the following three types of transformations:

- Pay 1 gold coin and receive 5 silver coins.
  This can only be done if he has at least one gold coin.
- Pay 5 silver coins and receive 1 gold coin.
  This can only be done if he has at least five silver coins.
- Discard one gold coin and one silver coin.
  This can only be done if he has at least one gold coin **and** at least one silver coin.

Is it possible, using these transformations, for Chef to end up with exactly A_2 gold coins and B_2 silver coins?

Input Format

- The first line of input will contain a single integer T, denoting the number of test cases.
- The first and only line of each test case contains 4 space-separated integers A_1, B_1, A_2, and B_2 — the initial and target number of gold and silver coins.

Output Format

For each test case, output the answer on a single line: YES if it's possible to reach A_2 gold and B_2 silver coins, 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

- $1 \leq T \leq 1000$
- $0 \leq A_1, B_1, A_2, B_2 \leq 1000$

Sample 1:

Input	Output
4 2 1 2 1 2 1 1 5 3 2 0 5 2 9 4 5	Yes No Yes No

Explanation:

Test case 1: We already have $A_1 = A_2$ and $B_1 = B_2$, so nothing needs to be done.