



Teleportation

Teleportation is the theoretical transfer of matter or energy from one point to another without traversing the physical space between them. Teleportation, or the ability to transport a person or object instantly from one place to another, is a technology that could change the course of civilization and alter the destiny of nations.

As of the present day, teleportation has not been implemented in the real world. However, by the development of science and technology, in the 22nd century, people can move by teleporting. A limitation on teleportation is that if a person is located at the coordinate (x, y) , then he can teleport only to four positions $(x + y, y)$, $(x - y, y)$, $(x, y + x)$ or $(x, y - x)$.

Given the coordinates (x_1, y_1) and (x_2, y_2) , check if it is possible for people to move from (x_1, y_1) to (x_2, y_2) through a series of teleportations.

Input:

- First line contains T ($1 \leq T \leq 100$) the number of test cases
- Each test case contains four numbers x_1, y_1, x_2, y_2 ($-10^9 \leq x_1, x_2, y_1, y_2 \leq 10^9$).

Output:

- For each test case, print “YES” if possible or “NO” otherwise

Sample:

Standard Input	Standard Output
3	NO
-6 16 19 5	YES
13 19 -19 11	NO
0 0 9 10	