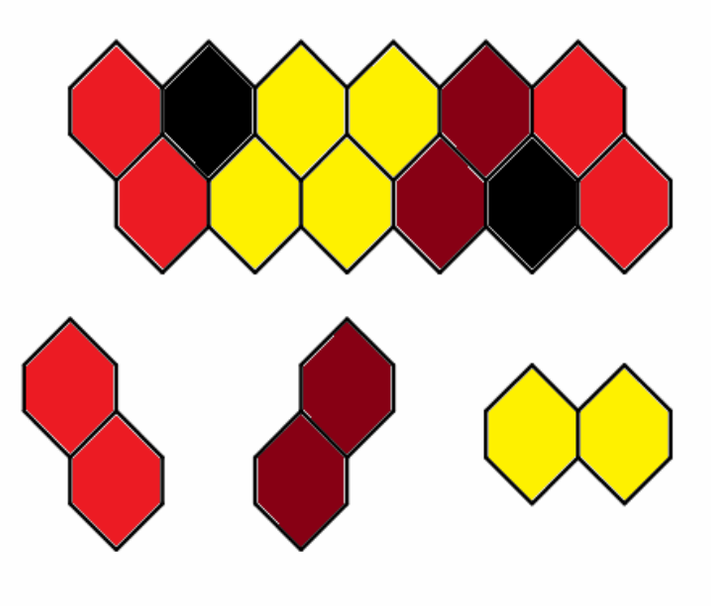
Hexagonal Grid

You are given a hexagonal grid of size *2xN*. Your task is to construct the grid with *2x1* dominoes. The dominoes can be arranged in any of the three orientations shown below. To add to the woes, certain cells of the hexagonal grid are blackened i.e., no domino can occupy that cell. Can you construct such a hexagonal grid? The blackened cell and the 3 dominoes are shown in the figure below.



Input Format

The first line contains a single integer *T*, the number of testcases. *T* testcases follow.
Each testcase contains three lines. The first line of the testcase contains a single integer *N*, size of the hexagonal grid.
The next two lines describe the grid and have *N* characters each (0 corresponds to cell to be filled with domino and 1 corresponds to blackened cell).

Output Format

For each testcase output `YES` if there exists at least one way to fill structure with dominoes and output `NO` otherwise.

Constraints

$1 \leq T \leq 100$
$1 \leq N \leq 10$

Note

There must be no domino above black cells.
All other cells should have only one domino above it.

Sample input

```
6
6
010000
000010
2
00
00
2
00
10
2
00
01
```

```
2
00
11
2
10
00
```

Sample Output

```
YES
YES
NO
NO
YES
NO
```

Explanation

First testcase in sample input describes grid from the picture.

For second testcase, there are two ways to fill it. Either place two red dominoes horizontally side-by-side or place two yellow dominoes vertically side-by-side.