

Building Districts

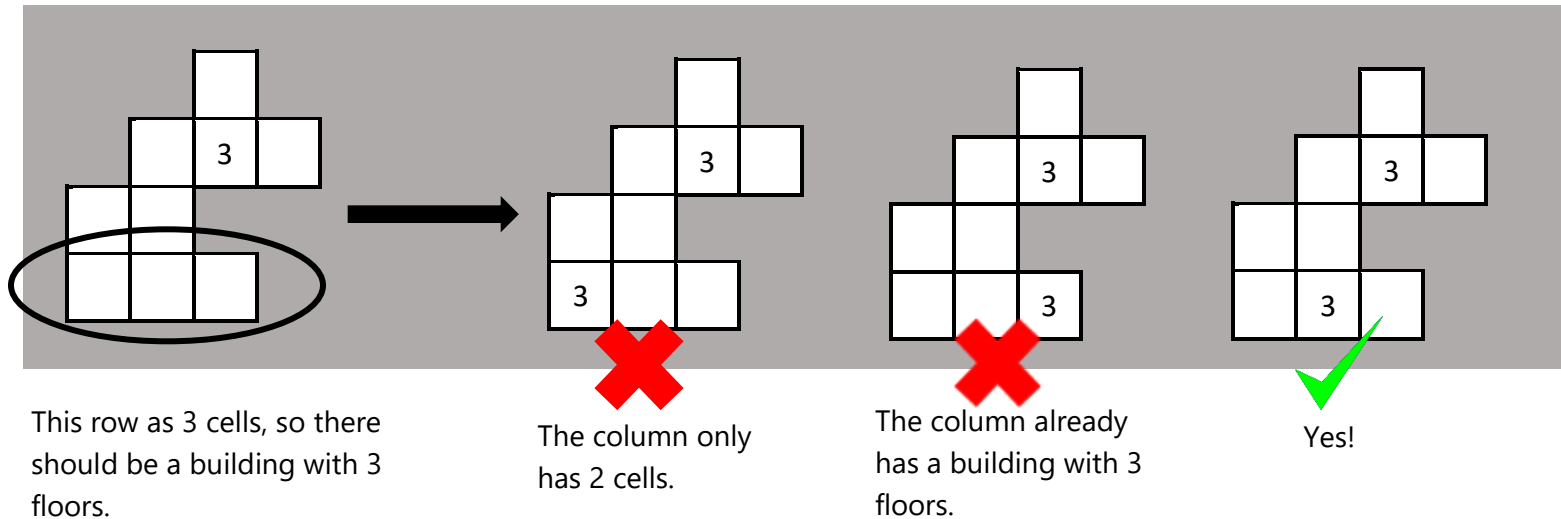
The city planner designed the city to be a giant magical bomb! He says that the counter-spell lies hidden in the way the nine city districts can be rearranged. Look through his building plans to find the answer.

Each district is shown as a grouping of grid cells. Each cell contains one building. The numbers inside the cells tell how many floors are in the building occupying that space.

Within each district

1. No two buildings in the same row or column can have the same number of floors.
2. The number of floors in a building cannot exceed the number of cells in the same row or column.

For example, a row with 5 cells will have 5 buildings with 1, 2, 3, 4, and 5 floors.





The 9 Districts

The crossword puzzle grid consists of 14 numbered starting points for words. The numbers are: 1 (down), 2 (across), 3 (across), 4 (across), 1 (down), 2 (across), 3 (across), 4 (across), 1 (down), 2 (across), 3 (across), 4 (across), 1 (down), 2 (across), 3 (across), 4 (across).



After figuring out how many floors are within each building, cut the districts out and fit them in this map according to these rules:

1. Every district is adjacent to exactly two other districts. Two districts are adjacent if at least one of their buildings share a side.
2. Buildings can only share a side if they have the same number of floors.
3. No districts are rotated and none of them are adjacent to the black spaces.
4. Districts are adjacent via their lowest storied buildings (i.e. Two districts cannot be connected by their three storied buildings without their one storied and two storied buildings also being adjacent).
5. The numbers on the grid below tell how many floors should occupy that spot.

