Puzzle Input:

=> Lines of vents in the format x1, y1 -> x2,42

lask:

>> Determine the # of points where at least two lines overlap

to 22/e Dutput:

=> # .f points where at least

two lines overlap

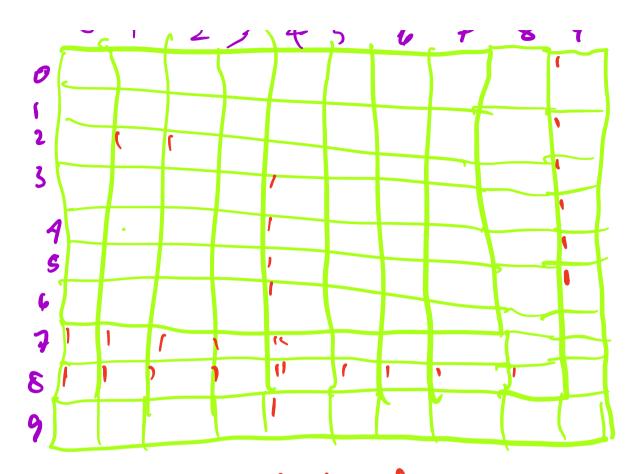
Possible Arbyramable Solutions:

? Point object contains x, y coords. When one apperez, place in one attag dict. If it appears again, remove from and dict and increment counter

For dict, I will use closed addressing where the point will map to the product of its x and y vals

> Path object contains two point objects (Startlend Point)

From the closed addressing schema, we will use LinkedLists with add to front and more brack functionality This my once a paint occurs more than once, we can move it to the back of the list. If the list hits a pint with 32 occurrences, We know the point ... now that I'm writing it out this isn't necessary. He need to confirm the point has Down seen 22x so we do not re-add it to the list again Add to from win still be used since it's 0(1).



Issue: Not considering diagonal lines

Part 2: > Now considering diagonals

1) Need to consider direction of diagonals