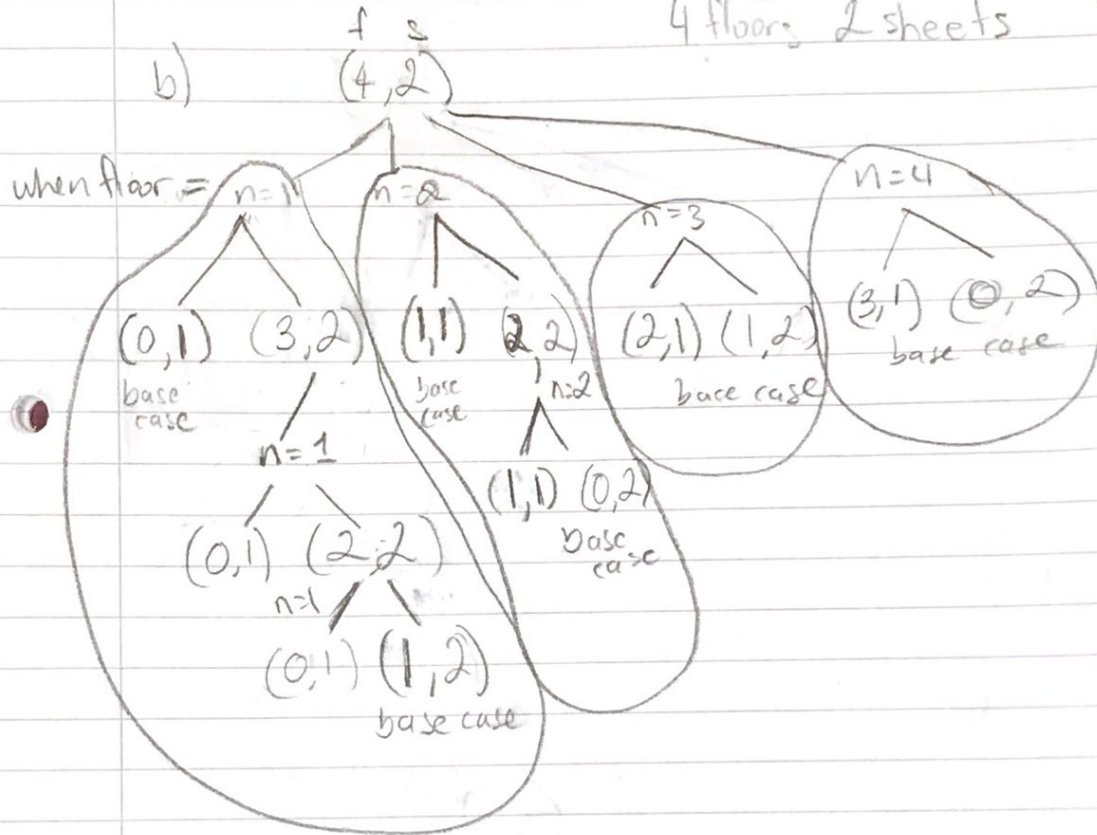


a, b, d, e, f

- 1) a) Divide problem into 2 base cases.
 where case 1: sheet breaks so sheet-1 & floor-1
 case 2: sheet is same & go up floor so total-curr floor.
 4 floors, 2 sheets



d) $(0,1), (1,2), (2,2), (3,2), (2,1), (3,1), (0,2)$
 $= 8$

e) $m \times n$

f) put the repeating subproblems into an array $a[i][j]$. $[i][j]$ represent $(4,2) \rightarrow a[4,2]$ for example. where the maximum # of tries are stored if needed in another problem's subproblem