LEVEL 3

- The x side length is no longer guaranteed to be divisible by 3

- **For each room place the given number of desks in that room**

- The given number of desks is the maximum number that is possible

- For some rooms, not all cells can be filled with desks. An empty cell is represented with the ID 0

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LEVEL 3

Input

Name	Description	Example
N	Number of rooms	*format identical to previous level*
Room (repeated N times)	Three space separated integers representing a room First integer: x room length Second integer: y room length Third integer: number of desks	3 7 5 11 9 7 21 6 8 16

Output

Name	Description	Example
Room (repeated N times)	A matrix of integers, with y rows and x columns Each integer represents the ID of the table at that cell The order of the tables does not matter The empty line between rooms is optional **The empty cells (0) may be anywhere in the room**	*format identical to previous level* 0 1 1 1 2 2 2 3 3 3 4 4 4 11 5 5 5 6 6 6 11 7 7 7 8 8 8 11 9 9 9 10 10 10 0 1 1 1 2 2 2 3 3 3 4 4 4 5 5 5 6 6 6 ...

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LEVEL 3

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Room Planner