

Nursery

To grow chicks, a farmer places them in little boxes in a chicken coop. He installs heating lamps in boxes in the coop according to the following rules:

- the box with a lamp has only one side in common with that of the chick's box ;
- the heating lamp must be pointed towards the chick's box ;
- to avoid overheating, two heating lamps cannot be placed next to each other (including diagonally).

The diagram below shows a plan of the chicken coop.

The numbers indicate the number of heating lamps in each row and column. The arrow represents a lamp and the direction in which it is pointing

	3	1	3	1	2	2	1	2
3			🐣				🐣	
1		🐣				🐣	🐣	
2				🐣				
1		🐣			🐣			
3				🐣				
1			🐣					🐣
1	🐣							🐣
3		🐣		🐣				🔦

Copy and complete the diagram to show the placement of the heating lamps in the chicken coop.

