
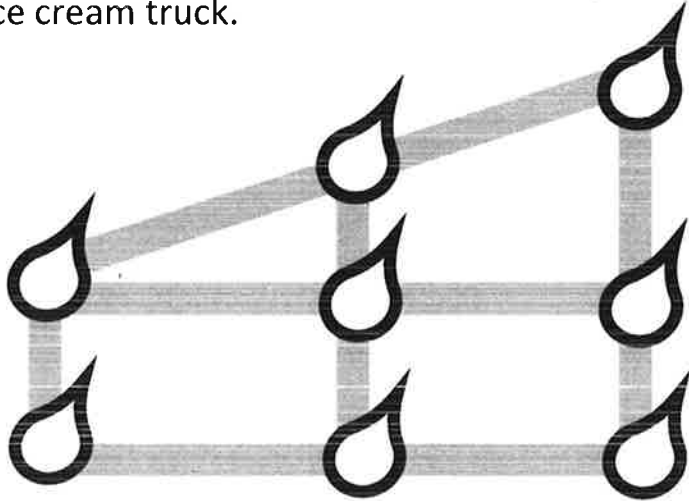


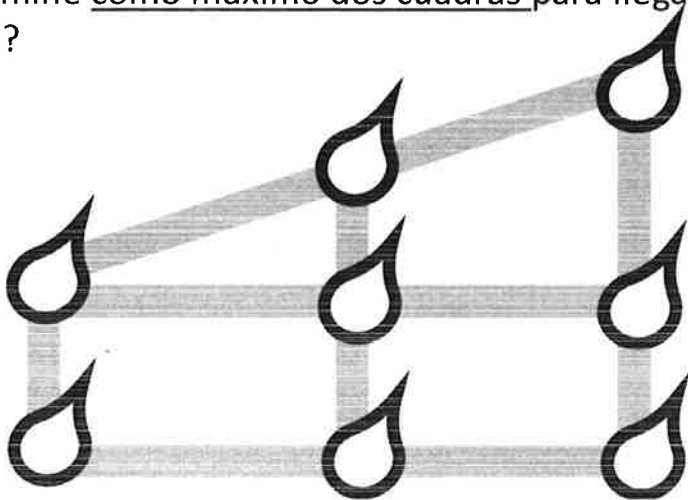
## Mayor for a day

Imagine you want to place **ice cream trucks** at intersections (marked with ). Find the smallest number of trucks and their placement such that a kid living anywhere in this neighborhood would need to walk at most one block to get to an ice cream truck.




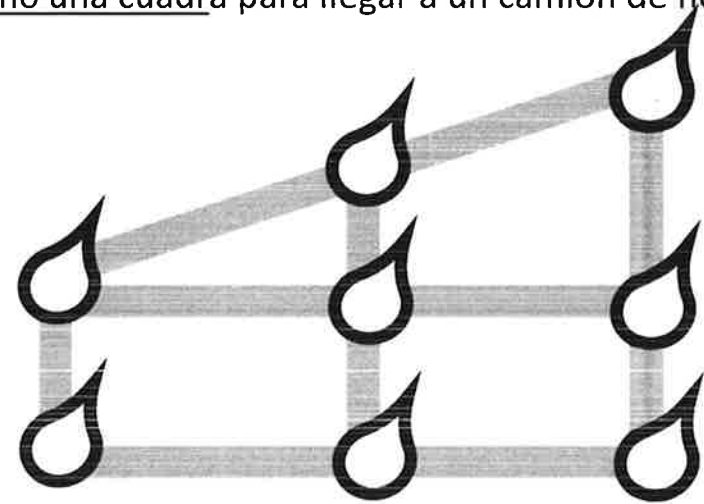
(ENG) How many ice cream trucks do you need so that a kid would need to walk at most two blocks to get to the truck?

(SP) ¿Cuántos camiones de helados necesitas para que un niño camine como máximo dos cuadras para llegar al camión?



## Alcalde por un día

Imagina que quieres poner **camiones de helados** en las intersecciones de las calles (marcadas por un ). Encuentra el menor número de camiones y su ubicación de manera que un niño viviendo en el vecindario necesite caminar lo máximo una cuadra para llegar a un camión de helado.



*How do we best make such decisions for placing hospitals, schools, grocery stores, police stations, and others in a whole city?*

**Computer Science, AI (Artificial Intelligence) and Optimization come to the rescue!**

You can learn how to solve these problems and write smart code that looks through the huge amount of placement options much faster than any human can ever do!

