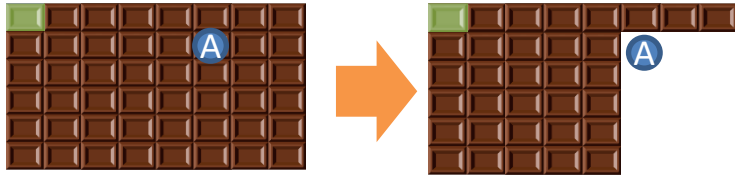
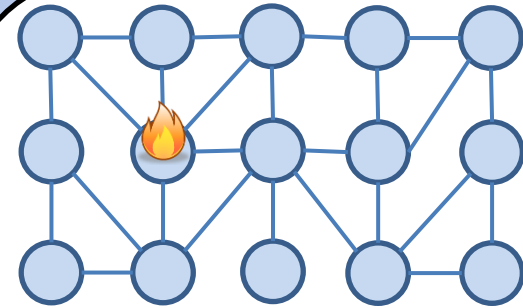


# Combinatorial Games and Algorithms



## Chocolate Bar Game

- Two players alternately cut and eat a chocolate bar that is delicious except for the top left piece.
- Can you eat only delicious pieces? What is your strategy?



## Firefighter Problem

- Fire spreads to all nodes adjacent to a burned node, every time a firefighter saves a single node.
- How many nodes can the firefighter save? What is his strategy?

Design your own algorithms for puzzles! We introduce fun of algorithms to you.

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