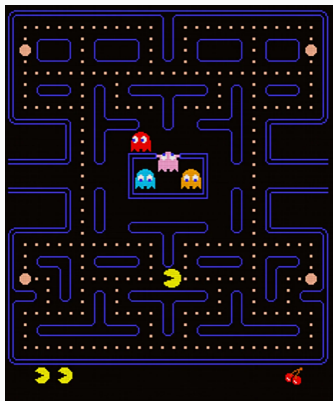


Games, graphs, and machines



October 7, 2025

Gobble

From the pile, eat 1 or 2. The player to eat the last one wins.

Chomp

From the grid, take a non-poisoned square and all squares below/right.
The player to take the last non-poisoned square wins.

Strategic labelling

1. Label a losing state as P .
2. Label N if at least one arrow goes to P .
3. Label P if all arrows go to N .

Hook chomp

Who has the winning strategy?

Hook chomp

Who has the winning strategy? **Mirroring**

Rectangular chomp

Who has the winning strategy?

Rectangular chomp

Who has the winning strategy? **Strategy stealing**