Part I (due at the beginning of class Friday, November 14, 2025)

Finish reading Chapter 9.

Remember that what you turn in for Part I should have 3 parts, as mentioned in the syllabus:

(a) Your responses to the reading questions below.

(b) Your own questions/comments on the reading.

(c) The amount of time you spent on Part I (including the time spent reading).

Reading Questions

1. Do the fallacies described at the end of the chapter make sense? As in, reading them and the discussion after them, do you understand why each of them is a fallacy?

2. Make sure to note in part (b) this time any of the questions you had from reading the first part of the chapter that you still have, as well as any new questions/observations from reading the second part (this is not a reading question; it's just a reminder).

Part II: Exercises (prepare for class Friday, November 14, 2025)

1. Exercise 7.6 (part (d) asks you to solve the 4×4 game. Feel free to do that if you want to figure out how to do so, but also feel free to skip that part.)

2. Exercise 9.1

3. Exercise 9.2

Part III: Homework Problems (due Wednesday, November 19 at the beginning of class)

Write up your solutions for Chomp on a 2×2, 2×3, and 3×3 board (what player(s) has(have) a winning strategy, what that winning strategy is, and why it's a winning strategy). Then see how far you can generalize the problem: $2 \times n$, $n \times n$, $m \times n$?

Friday's mini-Celebration of Learning

Game trees: creating, determining number of branches, determining number of strategies for a player, listing strategies for a player, truncating.