Assignment 2 hints, first portion

ACTIVE READING: Read all four questions with a pencil (and your eyes, of course). For questions 2 and 3 you will need to look up definitions from the Course Notes, so borrow a copy if you don't have your own. Underline anything that isn't clear, and ask (your friends, TA, lecturer) about them.

SMALL CASES: For each question, work out cases where the parameter (often n) is small (less than 5). Make sure you believe the thing being claimed before you try to prove it. For question 1 you may want to draw some trees.

PROOF TECHNIQUES: In class we have discussed several proof techniques. Think about which technique is the best fit for each each question (which technique will be the clearest and require you to work least).

LEAST RESISTANCE: After you have read all four questions, identify which one seems easiest to you. Start with that question.