For any one of the following problems

1. N queen problem
2. Map coloring problem
3. Map route finding problem
4. Find initial state, goal state and operators.
5. Explain why and how, which search technique you will apply to solve this problem?
6. Can you think of any heuristics that can expedite the search results?
7. Mention such techniques and explain how it will make your search faster.
8. For your problem, can you apply local search technique? If yes, explain how you will apply, if no then explain why you cannot apply.