1. Heuristics
   1. Is the Manhattan distance from the agent’s location to the exit square admissible? Why or why not? (1pt)
      1. Yes
      2. It will never overestimate the path distance
   2. Manhattan Distance
   3. Inadmissible heuristics are never optimal because it may overlook better options if it determines them to be costly if they aren’t
   4. Admissible can be optimal as when searching it finds the best path. It may under estimate but it will later realize that