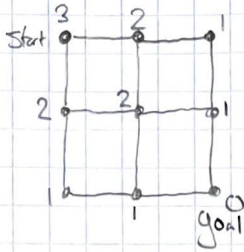
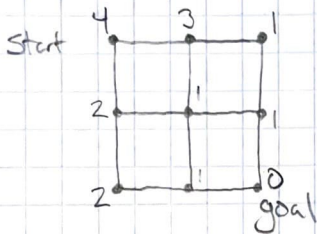


## Heuristic Mini Exercise)

Ex) admissible and consistent



Admissible but not consistent



$$h(n) \leq h(s) + d(n,s)$$

assume  $s$  and  $n$  are neighbors

$$\text{let } s=3, n=1$$

$$h(n)=1, h(s)=3$$

$$1 < 3+1$$

switch  $s$  and  $n$

$$h(n)=3, c=1+1$$