





Informed search

Order to_visit based on some knowledge of the world that estimates how "good" a state is h(n) is called an evaluation function

Best-first search

- rank to_visit based on h(n)
- take the most desirable state in to_visit first
- **\square** different approaches depending on how we define h(n)

1 2 3 8 4

7 6 5

GOAL



5





Two heuristics

Which state is better?

2 8 3 1 6 4 7 5

2 3

8 6 4

6

8



























































































