

Distance From Mt. Doom (As Nazgul Fly)

Grey Havens	60
The Shire	65
Bree	51
Rivendell	45
Moria	42
Gladden Fields	41
The Lonely Mountain	47
Mirkwood	42
Lorien	40
Dol Guldur	39
Fangorn Forest	35
Helm's Deep	28
Rauros	20
Dead Marshes	16
Minas Tirith	9
Belfalas	25
Mount Doom	0

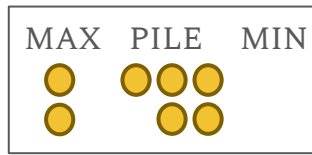
Start: Start
Goal: King Candy



*Draw the MiniMax
tree showing all
possible outcomes*

		O
	X	
X		O

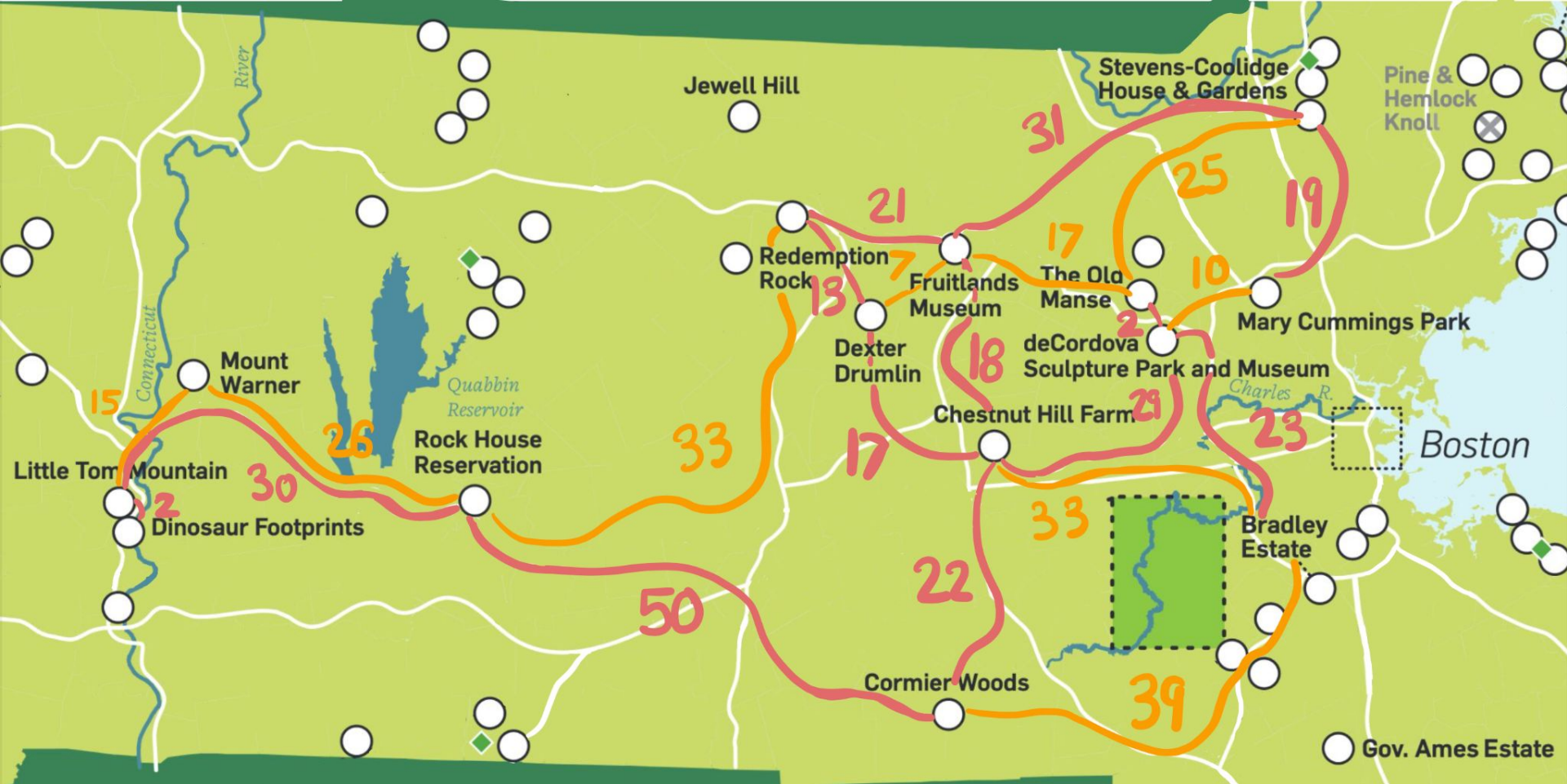
Board after Max's first
turn (Min's turn to play)



Nim is a game where on each turn, a player removes one, two, or three coins from a center pile. Whoever takes the last coin loses.

Model the rest of this game of Nim with MiniMax, assuming that Max starts by taking 2 coins.





Start: Mount Warner

Goal: Stevens-Coolidge House & Gardens