CS 188: Artificial Intelligence Spring 2010

Lecture 7: Minimax and Alpha-Beta Search 2/9/2010

Pieter Abbeel – UC Berkeley Many slides adapted from Dan Klein



































Why Pacman Can Starve

- He knows his score will go up by eating the dot now
- He knows his score will go up just as much by eating the dot later on
- There are no point-scoring opportunities after eating the dot
- Therefore, waiting seems just as good as eating





$$uf Cly = (x - fr max)$$
$$uf Cly (MIN) = -2$$

