Slide 2



Universal Generalization (Corrected)
Rule for introducing ∀. (Why do we want to do this?)
If we have P(x)
we can write (∀x)P(x)
provided x is "arbitrary" — not a free variable in a hypothesis, not a variable
we got from ei, not a free variable in a formula we got from ei. (For last part,
consider example at bottom of p. 49.)
(Yes, this is tricky to understand/apply.)
"If we know P(x) for arbitrary x, then P(x) for all x."
Review problem 9 section 1.4.





Slide 4





Slide 6



