HW 9
Math 125a, Fall 2014

Read 5.2-5.4. Problems 5.3.1, 1 and 2.

Extra Problem. Suppose that Γ is a set of $\mathcal{L}_A$-formulas and c is a constant symbol that does not belong to A. Show that if $\Gamma \cup \{(\exists x_0 \varphi)\}$ is satisfiable, then so is $\Gamma \cup \{\varphi[x_0; c]\}$.