

Ma 236 Fall 2017

Homework 8

Due in class February March 6, 2017

1. Translate the following sentences into predicate logic.
 - (a) There is one and only one Elvis.
 - (b) If Mark Twain is Samuel Clemens, then Samuel Clemens wrote *Huckleberry Finn* (the book).
2. Use the tree method to determine if $\neg\forall x\forall y\neg x=y$ is a logical truth.