

Latex code for Formula Trees!

You are not required to use LaTeX for your HW. If you do use it, then here are two ways to draw the formula tree for the formula of Problem 1. The formula is:

$$(\forall x)(\forall y)((\exists z)(x = z^2) \wedge ((\exists z)(y = z^2)) \rightarrow ((\exists z)(x + y = z^2))).$$

The formula tree for this formula is drawn on the left using the tikz package and is drawn on the right using the forest package. See the source file for how to draw pictures like these.

