

# Your Title Here

Your Name

January 25, 2011

## 1 Section one title

Put your text here.

Math within a paragraph goes between dollar signs:  $\forall x(\neg(Gx \wedge Fx) \supset (Gx \vee \exists yHyx))$ .

If you want the math to be “displayed” (centered and set off), use an equation or display-math environment. Here’s an example of a Fitch-style deduction in an equation environment:

$$\begin{array}{l|l} 1 & \forall x(Gx \supset Hx) \\ 2 & \forall x(Hx \supset Fx) \\ \hline 3 & \boxed{a} \\ 4 & Ga \supset Ha \quad \forall \text{ Elim 1 } a/x \\ 5 & Ha \supset Fa \quad \forall \text{ Elim 2 } a/x \\ 6 & Ga \supset Fa \quad \text{Taut Con 4, 5} \\ 7 & \forall x(Gx \supset Fx) \quad \forall \text{ Intro 3-6 } a/x \end{array} \tag{1}$$

If you used “displaymath” instead of “equation,” the output would be just the same but without the number on the right-hand side.

Some oddities to keep in mind:

- Some punctuation characters need to be escaped, since they have special meanings in  $\text{\LaTeX}$ . For example,  $\$50$  and  $30\%$ .
- For long dashes, use  $\text{---}$ . For dashes between numbers, use  $\text{-}$ . For hyphens, use  $\text{-}$ .
- Left and right quotation marks are different in  $\text{\LaTeX}$ . Here’s how you do “double quotes,” and here’s how you do ‘single quotes.’