

1 Getting Started

You'll need to label the problems and sections. One option is to use `\section` tags (shown above). I don't like to do this because I think it wastes too much space... but if you don't have anything to say, it can save you by making the document look really classy!

Another Option

What I do more often is simply put the "section" titles in a `\textbf{}` tag (as shown in this section). This makes them stand out, but doesn't take up a lot of extra white space on the page.

All the benefits of \LaTeX

Using \LaTeX for homeworks allows you to do lots of nice things like:

- Have your work neatly typeset
- Impress your professors who might recognize the fonts
- Include equations easily
- Put math \in the text: money = $\sqrt{\text{all evil}}$
- Not ever have to mess with MS Word

Being able to include equations is especially nice. Say you were doing a homework the Pythagorean theorem:

$$d = \sqrt{a^2 + b^2}. \tag{1}$$

It is simple to include it right in the text! In fact, when doing math homeworks I often find it simpler to code derivations in \LaTeX . If I make a mistake somewhere, I can quickly change all down-line equations with a find-replace procedure instead of having to re-write or cross out large blocks of text.