

**SPECIAL NOTE:** If you notice a few “??” in funny places in your document (e.g., the footer may say “Page 1 of ??”), then run  $\LaTeX$  again. That information was not available in the first pass, but it will be filled in properly in the second pass.

## Manually Numbered Answers

2.1. Here is my answer to question 2.1 of the text of the book. This question has sub-parts, and so I use another list to answer them.

- a) Answer to first sub-part.
- b) Answer to second sub-part requires an image.

Normally, I would do `\includegraphics{figurename}` here.

2.7. Here is my answer to question 2.7. It also has sub-parts, but for some reason they’re given with roman numerals, and so I’ll use lowercase roman numerals here too.

- i) Answer to first sub-part.
- ii) Answer to second sub-part.

## Automatically Numbered Answers

1. This question asks me to list things, and so I give an unnumbered/unlettered list.

- First item in the list.
- Second item in the list.

2. This question requires me to list a mathematical equation, which I can refer to as [Equation \(1\)](#).

$$\frac{\sin(2\pi T)}{2\pi} = \int_0^T \cos(2\pi t) dt \quad (1)$$

Using an `equation*` environment instead of an `equation` environment gets rid of the equation numbering. Math can also be listed in-line, like  $x = 5$ .

## Question 5

Or you could just give each answer its own section.

### 1 Automatically Numbered Sections

If you get rid of the `secnumdepth` line in the preamble (or set it to a positive number), your `\section` commands automatically get numbered.

### 2 Another Numbered Section

So that’s another option.

## Removing Numbers

Even when `secnumdepth` is left to its default positive value, using `\section*` instead of `\section` will remove numbering for that section.