

Lesson Eleven: Lists

L^AT_EX has a variety of “list” environments. Here, we show first an example of the `\enumerate` environment.

When the author of a math textbook doesn’t want to include the proof of a theorem just stated, he or she may offer an excuse such as the following.

- (1) This proof is trivial.
- (2) This proof is left as an exercise for the reader.
- (3) This proof is so easy that even [name of friend/enemy] could do it.
- (4) This proof is omitted to help reduce the cost of your textbook.
- (5) This proof is omitted due to
 - (a) lack of space
 - (b) lack of time
 - (c) lack of spacetime
 - (d) lack of competence
 - (i) by myself
 - (ii) by my graduate assistant who was supposed to write it
 - (e) lack of application, inspiration, and remuneration

The `\itemize` environment provides those ever-popular bullet points.

Reasons to Be a Math Major

- Love of math
- Desire to learn to think logically
- Mathematicians get all the hotties. [See Math Camp 2003 T-shirt.]
- Math majors do it in L^AT_EX.

Exercise Eleven: Lists

A Few of the Things I Can Do with My Math Major after I Graduate

- (1) Work in finance, *e.g.*, on Wall Street
- (2) Work in consulting
- (3) Work in education
 - (a) Public school
 - (b) Private school
- (4) Go to graduate school
 - (a) Pure math
 - (b) Applied math
 - (c) Statistics
- (5) Become a L^AT_EX salesperson
- (6) Move back in with my parents