Homework 2

Due Monday September 11 at 11:59pm

Instructions:

- Write solutions with complete sentences that explain your answer. Words are needed; formulas and drawings alone are not enough.

- Write as if the audience is another student in the class. *In particular this means limiting yourself to techniques and results we've covered in class or which appear in corresponding sections of the book.*

- Do not include this document as part of what you submit.

- Problems from Hatcher are indicated by numbers in the format *[chapter].[section].[problem]*. Chapter 0 doesn't have sections, though.

- Label your solution with the same number listed here, i.e. the full textbook problem number or something like (P2) for non-book problems.

- Submit your solutions to Gradescope. Please use Gradescope's system that lets you indicate the correspondence between problems and pages of your submission.

Note that I will include these full instructions on the first two assignments, after which they will become the "standing instructions" that apply all the time.

Problems:

- 1.1.1

- 1.1.3

- 1.1.5

- 1.1.6

- 1.1.11