

From Section 2 of the textbook

On page 9 of the textbook do Exercise 7.

On page 11 of the textbook do Exercise 8.

On page 11 of the textbook do Exercise 10.

Feel free to do additional problems

The listed homework is a *lower bound* on the number of problems you should be doing: doing more homework is a great idea! It is also a good idea to do more than just the problems from the book: try your hand at inventing your own problems! Try to push the limits of the techniques we learn. See what you can do with the mathematical machinery.

Textbook

Be sure to use *The Fundamentals of Higher Mathematics* by Neil Falkner, Autumn 2010 edition; other editions will number the problems differently.