

## Math 273 - Fall 2015

### Homework 10

Due November 2nd, 2015

*One of the biggest problems of mathematics is to explain to everyone else what it is all about. The technical trappings of the subject, its symbolism and formality, its baffling terminology, its apparent delight in lengthy calculations: these tend to obscure its real nature. A musician would be horrified if his art were to be summed up as “a lot of tadpoles drawn on a row of lines” but that’s all that the untrained eye can see in a page of sheet music... In the same way, the symbolism of mathematics is merely its coded form, not its substance.*

— Ian Stewart

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### Turn in:

From the textbook: 4.1.50, 4.1.62, 4.1.70, 4.2.16, 4.2.37, 4.3.12, 4.3.38,