

## Math 330 Section 6 - Fall 2020 - Homework 16

*Published: Saturday, November 28, 2020*

*Running total: 52 points*

*Last submission: N/A*

### **Status - Reading Assignments:**

Here is the status of the reading assignments you were asked to complete by this date.

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B/G (Beck/Geoghegan) Textbook:

ch.1 - 7.1 (skip the remainder of ch.7), ch.8 - 13, appendix A

MF lecture notes:

ch.2 - 3, ch.5 - 14.5, ch.15.1

B/K lecture notes:

ch.1.1 (Introduction to sets) (optional)

ch.1.2 (Introduction to Functions) but skip ch.1.2.4: Floor and Ceiling Functions (optional)

Other:

Stewart Calculus 7ed - ch.1.7: "The Precise Definition of a Limit". If you have a newer or older edition then you may have to search through the table of contents and/or consult the index.

### **New reading assignments:**

#### **Reading assignment 1 - due Monday, November 30:**

- Carefully read the remainder of (the optional) MF ch.15.2.

#### **Reading assignment 2 - due: Wednesday, December 2:**

- Carefully read the remainder of (the optional) MF ch.15.

#### **Reading assignment 3 - due Friday, December 4:**

Start reviewing the material for the final exam.

- There definitely will be proofs using induction.
- Chapters not covered in lecture will not be on the final.
- Material from optional chapters will not be on the final.
- Under no circumstances will there be problems beyond ch.14.3 (The Cardinal Numbers are a totally ordered set) on the final.