

Math 1314
Homework 17

Enter your answers in the EMCF titled “Homework 17” at casa.uh.edu before the due date/time. In the problem numbers given below, Problem 5.3.22 refers to Chapter 5, Section 3, Problem 22. The problems can be found in the online text.

Work the problems listed below. Round answers to four decimal places. Find the answer in the answer bank given below the list of problems. Note, answers may be used more than once or not at all.

- 1. Problem 5.3.22, Part A**
- 2. Problem 5.3.22, Part B**
- 3. Problem 5.3.22, Part C**
- 4. Problem 5.3.30, Part A**
- 5. Problem 5.3.30, Part B**
- 6. Problem 5.3.30, Part C**

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|------------|-----------|---------------|------------|
| A. 0.8478 | B. 0.8587 | C. 0.8428 | D. 13.5674 |
| E. 14.9164 | F. 0.8591 | G. 15.1285 | H. 14.4451 |
| I. 13.6754 | J. 0.8517 | K. Not listed | |

Work the problems listed below. Find the answer in the list of lettered answers below the list of problems. Note, answers may be used more than once or not at all.

- 7. Problem 5.3.32, find the upper sum**
- 8. Problem 5.3.32, find the lower sum**
- 9. Problem 5.3.34, find the upper sum**
- 10. Problem 5.3.34, find the lower sum**

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|---------------|-------------|-------------|-------------|
| A. 65.9663 | B. 218.1179 | C. 236.1017 | D. 225.0173 |
| E. 200.2534 | F. 68.1284 | G. 67.1631 | H. 70.852 |
| I. Not listed | | | |