Study Guide for Quiz 1, Math 125

(The test will be on Wednesday, February 26, and covers material from Chapters 5.1 through 5.5.)

Math 125 *Kovitz* Spring 2025

- **Standard Units and the Normal Curve.**

  Chapter 5.1, pages 78 to 82: example 1 (a); box on page 79; page 82, problem 1; summary on page 96: point 2.

- **Finding Areas Under the Normal Curve.**

  Chapter 5.2, pages 82 to 84; example 4; page 84, problems 1 (b) and 1 (e) and 3.

- **The Normal Approximation for Data.**

  Chapter 5.3, pages 85 to 87; example 8; page 88, problem 1 (b); page 105, problem 4; summary on page 96: point 4.

- **Percentiles.**

  Chapter 5.4, page 99, first two paragraphs.

- **Percentiles and the Normal Curve.**

  Chapter 5.5, pages 90 and 91; example 10; page 92, problems 1 and 2; page 95, problem 7 (a).

Examples from HWs, quizzes and practice sets.

Practice for Quiz 1:   Problems 1 and 3.

HW2:   Problems 2, 4, 6 (b), 7, 8, 11 (b), 13 (a).

WeBWorK HW 2:   Problems 1–4, 6 (b), 8 (a).

Explanatory Sheet: Standard Units: