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| **Chapter 5, *Under Normal Circumstances* (Pages 117 – 138)**  **OBJECTIVES:**  - Understand how extraordinary a standardized value may be by using a Normal Model and knowing when it will be appropriate. - Know how to calculate a z-score. - Estimate the percentage of observations falling within 1, 2, or 3 standard deviations of the mean, using *The 68-95-99.7% Rule*, aka *The Empirical Rule*. - Know how to compare values of different variables using their z-scores.  - Use your TI-84 calculator to find Normal Percentages when given the mean and the standard deviation of a particular normal distribution.  ***TUESDAY (12.3.24*)**  **Review** *The 68-95-99.7% Rule*, aka *The Empirical Rule*, by doing #20 and #21 on page 139. Also, ***Just Checking***, #4, #5 on page 126. Note that the answers are on page143.  **Homework:**   * **Study for a Quiz (***The 68-95-99.7% Rule***)** to be taken on Thursday without using your notes. * Page 137 (#1); page 138 (#14,16, 18, 19).   ***THURSDAY (12.5.24*)**  **Discuss the previously assigned work:** Page 137 (#1); page 138 (#14, 16, 18, 19).  **Quiz (***The 68-95-99.7% Rule***) (Take without using your notes.)**  **Homework/Class Work:**   * ***Do the Math*,** #8, on page 128. Note that the answers are on page 143. * Also, #34 on page 140. * **Read the TI*-Tips*** on pages 127 and 128.   ***FRIDAY (12.6.24*) A-DAY, NO CLASS** |
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