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| ***TUESDAY (11.26.24*)**  **Chapter 5, *Under Normal Circumstances***  **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. - Know how to compare values of different variables using their z-scores.  **Discuss the previously assigned work (pages 122 – 136).**   * Page 138 (#7 – 17 odd).   **Class Work:**   * Page 138 (#6 – 12 even). * Read and take notes on pages 122 – 128. * Discuss pages 122 – 128. * Consider a distribution that is normal with a mean of 800 and a standard deviation of 50, which is symbolized by N (800, 50). * Illustrate ***The 68-95-99.7% Rule***, aka ***The Empirical Rule***.   A picture containing lamp  Description automatically generated |
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