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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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