Homework Solutions
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Exercise 8

(a) A Type I error would be to conclude that the employee is a drug user when, in fact, the employee is not a drug user. A Type II error would be to conclude that the employee is not a drug user when, in fact, the employee is a drug user.

(b) The chance of a Type I error is 4%, because 4% of the non-drug users (H_0) will be mistakenly classified as drug users (H_1).