

Problem Set 2

Exercise	Modification or comments
4.59	Change the number 160 to 150. Ignore “mutually exclusive.”
4.62a	Change A to “at least one tail.” Ignore “mutually exclusive.”
4.76	$P(A \text{ and } B) = .28, P(A) = .46$
4.78	$P(A B) = .62, P(A \text{ and } B) = .46$
4.80	Change the numbers in the first row (row (A)) from 106 and 698 to 227 and 1146. (This changes the sample total.)
4.88	Change to four women among ten candidates.
4.128a.i,ii	Change the numbers in the first row (male) to 30 (favors) and 26 (opposes).
4.128a.iii,iv	Same change in the numbers in the first row.
4.128a.v	Same change in the numbers in the first row.
4.130a.	Change the probability of customer error to 7%. Put appropriate probabilities on the branches of the tree, as was done in class.