

## Homework Solutions

### Chapter 3 – Page 155

#### Exercise 7

- (a) Observational.
- (b) The response variable is whether the person is homeless, although the study apparently included only homeless people.
- (c) Some explanatory variables are the amount of drug use, whether the subject was abused as a child, whether the female subject was physically or sexually abused, and whether the subject had been in foster care or institutional care.
- (d) The population is all homeless people.
- (e) The sample is the group of homeless people who were part of the study.
- (f) It is a statistic. It is derived from the sample, not from the entire population.