

## Homework Solutions

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#### Exercise 6

- (a) Observational.
- (b) The response variable is whether the subject had a heart attack in the 13 years since the study began.
- (c) The explanatory variable is whether the subject was classified as depressed.
- (d) It is a statistic. It is based on the sample of 444 individuals, not the entire population.
- (e) Confounding variables.