

## Homework Solutions

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#### Exercise 1

- (a) Explanatory variable is the amount of coffee. The response variable is the exam score.
- (b) Explanatory variable is the number of hours of counseling per week. The response variable is the grade-point average.
- (c) Explanatory variable is the number of roommates. The response variable is the student's health.
- (d) Explanatory variable is whether the subject was told he was a good driver or a bad driver. The response variable is subject's reaction time.