

Homework Solutions

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Exercise 2

- (a) They are independent. First, the males were selected without any regard to which females had been selected. Second, if they take 20% of each group (females, males), then the sample sizes will almost certainly be different, making it impossible to pair the members.
- (b) There are many possibilities: the person's major, whether the person is working a part-time job, the person's economic situation, and so on.