For questions 1-3, suppose that I want to investigate whether the color of paper on which an exam is printed has an effect on students’ exam scores.

1. Identify the observational units in this study.

2. Identify one of the variables in this study, and classify it as quantitative or categorical.

3. Identify the other variable in this study, and classify it as quantitative or categorical.

For questions 4-5, consider the observational units in a study to be all purchases that I made from amazon.com in the past 12 months.

4. Describe a categorical variable on which I could gather data from these observational units.

5. Describe a quantitative variable on which I could gather data from these observational units.