ANSWERS TO EVEN-NUMBERED EXERCISES

CHAPTER 1: INTRODUCTION TO STATISTICS

2. a. IV: Type of advertisement; DV: Perception of quality of product

    b. IV: Frequency of punishment; DV: Reported problem behaviors

    c. IV: Type of eating disorder; DV: Level of respect

    d. IV: Use of humor; DV: Product recognition

    e. IV: Time in daycare; DV: Exploratory behavior

    f. IV: Content of test item; DV: Test score

4. a. Ratio

    b. Nominal

    c. Interval

    d. Ordinal

    e. Nominal

6. a. Example hypothesis: Students with higher SAT scores will have higher GPAs in college.

    b. IV: SAT score; DV: College performance

    c. Example of nominal: Received college degree vs. did not receive degree

       Example of ordinal: Rank-ordering of students

       Example of interval: Rating of student (1 [low] to 10 [high])

       Example of ratio: Initial income after graduation

CHAPTER 2: EXAMINING DATA: TABLES AND FIGURES

2. a. Histogram or frequency polygon

    b. Bar chart or pie chart

    c. Bar chart or pie chart

    d. Histogram or frequency polygon

    e. Bar chart or pie chart

    f. Bar chart or pie chart