Questions 1-2 refer to the following information:
Kai lives in New York and he is doing an online survey on his website about people's favorite movie genre. He sends the quiz to every 5th visitor to his site.

1. What is the population from which the sample is selected from? A) People using the internet B) People visiting his site C) People that like to watch movies D) Every person in New York	**2.** What type of sample is this? A) Stratified C) Systematic B) Random D) Self-selected
3. Rachel is doing a survey on her classmates' favorite afterschool activity. She decides to question every 8th person that walks into the school stadium. Is this biased? A) No, because she is questioning every 8th person at random. B) No, because she is questioning people at her school. C) Yes, because students going to the school stadium are more likely to be interested in athletics. D) Yes, because she should be questioning every 10th person.	**4.** An electronics company selects a random group of its employees' children to test a new video game. Is the sample biased or unbiased? A) Unbiased, because it is an accurate representation of the population. B) Unbiased, because the company is using children to test the video game. C) Biased, because everyone in the sample is related to an employee and doesn't provide an accurate representation of the population. D) Biased, because the company is using children to test the video game.
5. The student organization surveys students from chemistry class to decide the school trip. Is this sample biased or unbiased? A) Biased, because the participants are not randomly selected. The sample was focused on one class. B) Biased, because they did not survey the teacher. C) Unbiased, because the students sampled go to this school. D) Unbiased, because they surveyed every student in class.	**6.** An energy drink company gives one half of its subjects a sample of their newest product and the other half plain water. The company then observed the results of a one mile jog. What type of study was this? A) Survey C) Experimental B) Observational D) None of the above
7. A catering company takes note of which dish people ate from the most at a party. A) Survey B) Observation C) Experiment D) None of the above	**8.** Which of the following is a biased question? A) What is your favorite movie genre? B) Which movie theater do you visit the most? C) Do you like exciting action movies or stupid comedies? D) What is your favorite movie snack?

9. Which of the following is a biased question?
  A) Do you prefer healthy vegetables or harmful junk food?
  B) What is your favorite food?
  C) Do you prefer vegetables or chips?
  D) What you buy most often at the market?
	10. Which is unbiased?
	  A) Do you like exercising? If so, do you run, swim or dance?
	  B) How often do you exercise?
	  C) Don't you just love exercise?
	  D) Do you like to be lazy and watch TV or active and exercise?

11. Select the choices that demonstrate a qualitative data set. A) Cost of movie tickets B) Eye color C) Personality of students D) Temperature of coffee E) Critique on taste of pancakes F) Ounces of cream used in pancake batter	**12.** Select the choices that demonstrate a quantitative data set. A) Dimensions of picture frames B) Shirt color C) Percentage of students in NHS D) Favorite flower species E) Weight of students F) Type of wood used to build shelves