Frequency Table Homework

1. 100 students were asked what fruit they chose at lunch. The two-way frequency table shows some of the results of the survey. Complete the table.

Gender	Apple	Pear	Banana	Total
			Lunch Fruit	
Girl		17	11	49
Boy		10	16	
Total				

2. What percentage of the students surveyed like pears?

3. Out of all of the girls, what percentage liked apples?

4. 200 high school teachers were asked whether they prefer to use the chalkboard or projector in class. The two-way frequency table shows some of the results of the survey. Complete the table.

Gender	Chalkboard	Projector	Total
		Preferred Teaching Aid	
Female		56	99
Male	44		
Total	87	113	200

5. Which type of teaching aid was most preferred? What percentage of all of the teachers preferred this type of teaching aid?

6. Who was more likely to prefer chalkboards- female or male teachers? Explain your reasoning.

7. Luis surveyed 100 students about whether they like soccer. The number of girls and the number of boys completing the survey are equal.

Complete the table.

Gender	Yes	No	Total
		Likes Soccer	
Girl		20	
Boy		35	
Total			100

8. What is the probability (as a percent) that a person in the survey prefers soccer, given the person is a girl?

9. What percent of the boys surveyed dislike soccer?