Complete each part on the designated day in your Study Guide Packet.

Problems must be written out, numbered, show work, and have final answer boxed for credit.

Part 8

The ages attending a summer camp were as follows:

14, 17, 15, 14, 16, 18, 13, 17, 17, 17, 16, 15, 15, 17, 16

1. Create a box plot for the data.

2. What percent of the campers were over 16 years old?

3. Complete the two-way frequency table.

	Dogs	Cats	Total
Male students	6	4	
Female students	5	10	
Total			

4. How many total students took the survey?

5. How many female students are in the class? How many male students are in the class?

6. What is the relative frequency out of females that like dogs?

7. Out of all students, what is the percentage like likes cats?

8. Out of the people that like dogs, what is the relative frequency that are boys?