

Name:

UNIT 10 - DAY 7 HOMEWORK

Page 621 #3-8, 15 and Page 614 #5-8, 13

Tell whether the data are qualitative or quantitative.

- 3. brands of cars in a parking lot **QL**
- 4. weights of bears at a zoo **QN**
- 5. budgets of feature films **QN**
- 6. file formats of documents on a computer **QL**
- 7. shoe sizes of students in your class. **QN**
- 8. street addresses in a phone book **QN OR QL**

15. Analyze the data and then create a display that best represents the data. Explain your reasoning.

Quantitative

5	239
6	23
7	457
8	01345789
9	567
10	0

96	74	93	80	62
84	88	57	77	75
89	81	52	85	65
87	95	59	83	100

You conduct a survey that asks 346 students whether they buy lunch at school. In Exercises 5-8, use the results of the survey shown in the two-way table.

- 5. How many freshmen were surveyed? **178**
- 6. How many sophomores were surveyed? **168**
- 7. How many students buy lunch at school? **208**
- 8. How many students do not buy lunch at school? **138**

		Buy Lunch at School	
		Yes	No
Class	Freshman	92	86
	Sophomore	116	52

13. Complete the frequency table:

		Traveled on an Airplane		
		Yes	No	Total
Class	Freshman	90	62	152
	Sophomore	184	16	200
	Total	274	78	352