Name:		Date:	Unit 2 Class Work
	Introduction	n to Statistics Class Wor	<u>k</u>
inferences, and reco	ognize the purpos		as a process for making mong survey types. Today statistics.
☆ Data		☆ Statistics	
is c	oming from	is the	collecting,
observations, surveys	s, etc.	organizing, and	alyzing, and interpreting
			o make decisions.
*Complete the anal	ogy:		
Data is to stati	stics as <u>peaches</u> ,	/ peach-picking is / o	<u>ire</u> to
peaches / pe	<u>each-picking</u> bec	ause	
• Popu	individuals/gro The nu	oups/items of interest imerical values used t	ponses, etc. from to described populations (remember "p")
• Samp	ole:		
	called		to describe samples are (remember "s") as a noun.]
hours each horse spen the horses are receiving also designs an in-dep each lesson horse is rice	nds in the field outsing enough exercise the collection of darkden, to ensure the	de is recorded daily. The Some horses are used to observe the average.	ridden and the number of his study ensures that 93% of d for lessons, so the surveyor age weekly number of hours g overworked. The results showek is 8 hours.
The population	າ is		
The paramete	r(s) is/are		
The sample is.			
The statistic(s)	is/are		

parameter, or a statistic. Support your rea	soning.			
1. A survey of 100 sophomores at Cranford High School.				
2. The average annual salary of every em	ployee in a certain company is \$58,000.			
3. The weight of every elephant at an ele	phant sanctuary is recorded.			
4. The average speed of every third car passing an elementary school is 33 mph.				
5. The average annual salary of every employee at a law firm is \$68,500. The average annual salary of every employee under the age of 30 at a law firm is \$57,800. Identify				
the population, parameter, sample, and s				
Population:	Parameter:			
Sample:	Statistic:			
Describe the relationship between samples and populations.				
in your opinion, when is it bes	t to collect data from both sets?			
*What do you know about the terms "qua	lity," and "quantity?"			
*What do you know about the terms "qua	lity," and "quantity?"			
	do you think the difference between			

qualitative data and quantitative data is?

✓ Determine whether each situation in #1-4 represents a population, a sample, a

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☆ Qualitative Data	☆ Quantitative Data	
Determine whether the data of	are qualitative or quantitative.	
6. The average speed of raceho	rses 7. Jobs of 10 th and 1	1 th grade students
8. Addresses of all members of a	club 9. Populations of citi	es in Union County, NJ
10. Telephone numbers in a direc	ctory 11. Test scores of stu	dents in this class

- 12. Create any example of qualitative data, according to your interests.
- 13. Create any example of qualitative data, according to your interests.
- On a post-it, create a CLOSER. Then visit the gallery, and draw a ⊕ on your favorite!

CL: (any Concept you Learned)

OSE: (any One Specific Example)

R: (Relevance to either your life or mathematical experiences, past, present, or future)