Name:	Statistics
Date:	Practice Quiz 1-A
1. Nora is studying how much freshmen in California read per week. She as State the following: a) the sample The people actually in her study are	sks 32 freshmen in a SVHS English class how many hours they read per week.
b) the population	
The people she is studying in general is	
2. Describe how her results might be affected by sampling bias. Refer to \bar{x}	$ar{\epsilon}$ and μ in your answer.
Students at SVHS tend to be	
an estimate of if it is intended to represent the average for all California freshmen.	
3. Fill in each blank with the correct symbol for a statistic or parameter. a) 6-sided dice roll "6" = $\frac{1}{6}$ of the time.	
One sixth of all die rolls are a 6, and the rest are a 1, 2, 3, 4, or 5.	
b) IQ scores have a standard deviation of = 15.	
The standard deviation of all IQ scores is 15.	
c) = 64% of Californians are fully vaccinated. 64% of all Californians are fully vaccinated, and 36% are partially vaccinated or not vaccinated.	
d) Nine male black labs had an average weight of = 68 pounds. These nine dogs had a mean weight of 68 pounds.	
e) Last semester, the average grade on the Statistics final was = 80%.	
The mean score of all students who took the Statistics final last semester was 80%.	
f) = 21% of people surveyed estimated they exercise for more than two hours per week or 21% of the people surveyed estimated they exercise for more than two hours per week on average, as	
4. Hannah weighs 15 Coke cans and finds an average weight of 343 g. a) Is the sample mean x known?	b) Is the population mean μ known?
Does she know the average weight of the Coke cans she weighed?	Does she know the average weight of all Coke cans?
c) State or estimate \bar{x} .	d) State or estimate μ .
e) Is she using probability, or is she using statistics?	
	mean and she is using it to
the mean.	