

Cornell Notes	Name: _____
Topic: <u>Introduction to Statistics Lesson 9.1</u>	Date: _____
	Period: _____

Essential Question: **How can you tell whether a question is a statistical question?**

Questions/Main Ideas:	Notes:
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Vocabulary	Statistics - the science of collecting, organizing, analyzing, and interpreting data.
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	Statistical Question - multiple answers to the questions
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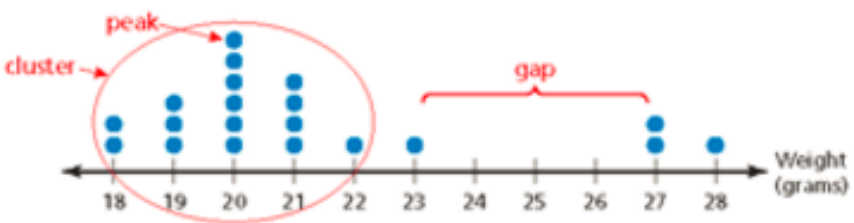
Example 1	Answering a Statistical Question
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	You conduct a science experiment on house mice. Your teacher asks you, “What is the weight of a mouse?”
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	a.) Is this a statistical question? Explain.
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	b.) You weigh some mice and record the weights (in grams) in the table. Display the data in a dot plot. Identify any clusters, peaks, or gaps in the data.
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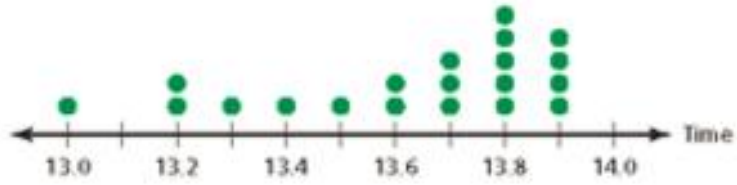
Weights (grams)			
20	19	21	20
18	20	27	21
28	23	20	19
20	21	18	27
19	22	21	20



	c.) What conclusion can you come up with for this data?
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Your Turn!

The dot plot shows the times of sixth grade students in a 100-meter race.



- a. How many students ran in the race?
- b. How can you collect these data? What are the units?
- c. Write a statistical question that you can answer using the dot plot. Then answer the question.

Summary: **Students should write a summary reflecting the above essential question.**