

Name: _____ Class: _____ Date: _____

Learning Target: I can make predictions about a population

Learning Objective: I can identify a population, sample (random, convenient, representative, bias), and outliers.

Directions: Read each question. Determine if it is a statistical question. Rewrite the question to be a statistical question if necessary. Determine what type of statistical question it is. Identify the targeted population. Describe an unbiased sample to gather information about this question.

(1) How many siblings do the students in the 6th grade at MS 181 have?

Is this a statistical question: _____

What kind of statistical question is this question? _____

What is the targeted population? _____

Describe an unbiased sample of the identified population? _____

(2) What is the shoe size of the students in the 7th grade?

Is this a statistical question: _____

What kind of statistical question is this question? _____

What is the targeted population? _____

Describe an unbiased sample of the identified population? _____

(3) What is the most popular sport among 11 year old children in the Bronx?

Is this a statistical question: _____

What kind of statistical question is this question? _____

What is the targeted population? _____

Describe an unbiased sample of the identified population? _____

(4) What is your favorite pizza topping?

Is this a statistical question: _____

Rewrite the question to be a statistical question: _____

What kind of statistical question is this question? _____

What is the targeted population? _____

Describe an unbiased sample of the identified population? _____

(5) How tall is Mr. Warnock?

Is this a statistical question: _____

Rewrite the question to be a statistical question: _____

What kind of statistical question is this question? _____

What is the targeted population? _____

Describe an unbiased sample of the identified population? _____

Readiness	Positive Contribution	Understanding
<input type="checkbox"/> Arrived to class on time <input type="checkbox"/> Actively worked on Do Now <input type="checkbox"/> Completed the Do Now	<input type="checkbox"/> Filled in the blanks during the video <input type="checkbox"/> Attempted all 5 practice problems	<input type="checkbox"/> Ensured that the video notes were accurate <input type="checkbox"/> Correctly answered the 5 practice problems
/10	/30	/60

Comments:

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(1) How many siblings do the students in the 6th grade at MS 181 have?

Is this a statistical question: **Circle One:** Yes No

What kind of statistical question is this question? **Circle One:** Quantitative Categorical

What is the targeted population (the group of people the question is asking about)?

Describe an unbiased sample of the identified population? _____

(2) What is the shoe size of the students in the 7th grade?

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