

Name: _____

Populations and Samples

Read each situation. Identify the *population*.

1. A magazine is ranking quality of life in different places. In a city of roughly 134,000 citizens, they survey 500 random citizens.

population: _____

2. To choose songs for a school dance, the committee asks 40 of the 492 Creek Middle School students to rank 20 artists by popularity.

population: _____

3. Scientists are testing the health of the rainbow trout in Osoyoos Lake. They catch and run tests on 100 trout.

population: _____



sample: _____

6. At various stages throughout each day, a bicycle manufacturer tests 48 of the bicycles it produces to ensure quality control.

sample: _____

7. Ms. Tapia wonders if a fabric craft store will do well in her town. She asks random people on the street about their interest in such a store.

sample: _____

8. A politician is worried he'll lose reelection if he goes against his voting-aged constituents' interests. He polls 1,000 of them to get their opinions.

sample: _____

ANSWER KEY

Populations and Samples

Read each situation. Identify the *population*.

1. A magazine is ranking quality of life in different places. In a city of roughly 134,000 citizens, they survey 500 random citizens.

population: roughly 134,000 citizens

2. To choose songs for a school dance, the committee asks 40 of the

Preview

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8. A politician is worried he'll lose reelection if he goes against his voting-aged constituents' interests. He polls 1,000 of them to get their opinions.

sample: 1,000 of his voting-aged constituents