

Name: \_\_\_\_\_

Date: \_\_\_\_\_

**BLM 11-3**

## Section 11.2 Extra Practice

1. For each situation:

- Identify the population.
- Decide if you would survey the population or a sample.

a) Determine what style of jacket the members of a soccer team prefer.

Population: \_\_\_\_\_. I would survey \_\_\_\_\_.

b) Determine the games that grade 9 students want to play at a winter carnival.

Population: \_\_\_\_\_. I would survey \_\_\_\_\_.

c) Determine the number of Arctic grayling in Lake Athabasca.

Population: \_\_\_\_\_. I would survey \_\_\_\_\_.

2. A city council wants to survey residents about building a new sewage treatment plant. The city has 50,000 residents. The council plans to survey 1000 residents.

a) Which type of survey sample would you recommend to council?

\_\_\_\_\_

Give 1 reason for your answer. \_\_\_\_\_

\_\_\_\_\_

b) Describe how the survey should be set up. How should they pick the individuals to survey?

\_\_\_\_\_

\_\_\_\_\_

