Populations and Samples

Read each situation. Identify the population and the sample.

1. A textbook company wants to know the most popular methods used by the nation's teachers. It polls 3,000 current teachers in various regions.

| population: | | |
|-------------|--|--|
| | | |
| sample: | | |

2. Hugh found a discarded box of 1,000 markers. Rather than test them all to decide if the box is worth keeping, he tests 50 at random.

population: _



4. A commercial fish breeder sells approximately 50,000 guppies to pet stores each year. In all, about 1,500 are checked for health issues.

| population: | | | |
|-------------|------|------|--|
| sample: | | | |

5. Savitri's Bakery wants its customers to decide what pastry it will add to the menu next month. Customers are given a voluntary survey.

| population: _ | | | |
|---------------|------|------|--|
| sample: _ | | | |



ANSWER KEY

Populations and Samples

Read each situation. Identify the population and the sample.

1. A textbook company wants to know the most popular methods used by the nation's teachers. It polls 3000 current teachers in various regions.

population: <u>all the nation's teachers</u>



ANSWER KEY

Populations and Samples

6. Greenville Public Library might switch internet providers. It asks 75 of its patrons to rank their satisfaction with the current provider from 1–10.

population: <u>Greenville Public Library patrons</u>

sample: <u>75 patrons asked</u>

