1. A data professional is conducting an election poll. As a first step in the sampling process, they identify the target population. What is the second step in the sampling process?

0 / 1 point

- ⬭ Select the sampling frame
- ⦿ Choose the sampling method
- ⬭ Determine the sample size
- ⬭ Collect the sample data

Ⓧ Incorrect
The second step in the sampling process is to select the sampling frame. The third step in the sampling process is to choose the sampling method.

2. Fill in the blank: In a _____ sample, every member of a population is selected randomly and has an equal chance of being chosen.

1 / 1 point

- ⦿ simple random
- ⬭ cluster
- ⬭ voluntary response
- ⬭ snowball

✓ Correct
In a simple random sample, every member of a population is selected randomly and has an equal chance of being chosen.

3. Non-probability sampling includes which of the following sampling methods? Select all that apply.

1 / 1 point

- ☑ Purposive sampling

✓ Correct
Non-probability sampling methods include convenience and purposive sampling. In convenience sampling, researchers choose members of a population that are easy to contact or reach. In purposive sampling, researchers select participants based on the purpose of their study.

- ☑ Convenience sampling

✓ Correct
Non-probability sampling methods include convenience and purposive sampling. In convenience sampling, researchers choose members of a population that are easy to contact or reach. In purposive sampling, researchers select participants based on the purpose of their study.

- ☐ Systematic random sampling
- ☐ Stratified random sampling