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a) What is the sample?

Simple random sampling

Systematic random sampling

Convenience sampling

Voluntary response sampling

b) Is it biased or unbiased?

A Biased

unbiased B

• Scenarios:

To track migration patterns of a species of a particular species of bird, scientists randomly tag and release 50 birds of that species.



You want to estimate the number of students in your school who want a football stadium to be built. You survey the first 20 students who attend a Friday night football game.

You want to estimate the number of books students in your school read over the summer. You survey every fourth student who enters the school.



A member of the cafeteria staff asks every fifth student leaving the cafeteria to rank 5 vegetables from most favorite to least favorite. She finds that corn is one of the favorite vegetables.