



Name: _____

Date: _____

Directions: Tell whether the samples are stratified random or voluntary samples.

1. William believes that given a choice, men would pick a dog as a pet over a cat and women would pick a cat as a pet over a dog. William surveys a hundred men and a hundred women and asks them if they would prefer a cat or a dog as a pet. Is the sample that he surveyed a stratified random sample or a voluntary sample?

2. Shoppers are offered a coupon for \$5.00 off of their next purchase, if they fill out a quick survey on customer service. Is the sample that he surveyed a stratified random sample or a voluntary sample?

3. The local news station asks viewers to go to their web page and answer the following survey poll, "Do you like the rainy weather that we are having?" Is the sample that he surveyed a stratified random sample or a voluntary sample?

4. The major league baseball association has a poll on their web page asking its visitors to vote on which baseball team they believe will win the next World Series. Is the sample that he surveyed a stratified random sample or a voluntary sample?

5. The eleventh grade class complains constantly about how much homework they have. They believe that they get more homework than any of the other grades. Just to satisfy the 11th graders, the principal surveys a percentage of each of the grade levels and asks how many hours a week they spend on homework. Is the sample that he surveyed a stratified random sample or a voluntary sample?

Answer Key
1. stratified random sampling
2. voluntary sampling
3. voluntary sampling
4. voluntary sampling
5. stratified random sampling



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stratified random sampling

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