

Name: _____

11.4 Random Samples and Surveys worksheet

State whether or not the sample is random. If it is not random, explain why.

1.) You survey customers at a mall. You want to know which stores they shop at the most. You walk around a computer shop and choose 20 customers there for your survey.	2.) A country radio station wants to know what the most popular type of music is, so they ask their listeners to call in to say their favorite type.
3.) You want to know what 7 th graders think of their science class. You poll 100 random 7 th graders.	4.) You want to survey the students in your school about their exercise habits. At lunchtime you stand by a vending machine. You survey every student who buys something from the vending machine.

State whether or not the statement is biased or fair. If it is biased, explain why.

5.) Do you want a delicious salad for lunch or the usual sandwich?	6.) Do you watch TV on Saturday like everybody else?
7.) Do you eat the recommended number of servings for fruits and vegetables?	8.) I don't like these shoes, do you?

