

Name: \_\_\_\_\_

Date \_\_\_\_\_

## Topic : Categorizing Data and Bias - Worksheet 1

For questions 1-5, determine if the problem deals with qualitative or quantitative data; 6-8, determine uni-variate or bi-variate data; 9-10, determine biased or unbiased data.

1. Making a mango shake requires 5 liter of milk.
2. The average population of a city is 90%.
3. Jim is a tall boy.
4. The majority of the people in India wear the color Red most often.
5. Determine if the number of hours a person watches TV will affect eye sight.
6. Determine the mean score of the Player in the match.
7. Mr. Alex keeps a list of the amount of time his wife spends on getting ready for party.
8. A study is conducted to determine the favorite subjects students like to use.
9. A random survey was done to find the average age of boys in a class.
10. A survey was done among boys to find their favorite shoes.



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## Topic : Categorizing Data and Bias - Worksheet 2

For questions 1-5, determine if the problem deals with qualitative or quantitative data; 6-8, determine uni-variate or bi-variate data; 9-10, determine biased or unbiased data.

1. Making chocolate shakes requires chocolates.
2. The town has average pollution in comparison to a city.
3. John weights 80 kg.
4. The majority of the girls in India wear the color pink most often.
5. Determine if the number of hours a person works will affect his health.
6. Determine the marks of the students in the science.
7. Mr. Alex keeps a list of the amount of time his wife spends on making food in the kitchen.
8. A study is conducted to determine the favorite drinks boys like to drink.
9. A random survey was done to find the average game girls played.
10. A survey was done among children to find their favorite toy.



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### Topic : Categorizing Data and Bias - Worksheet 3

For questions 1-5, determine if the problem deals with qualitative or quantitative data; 6-8, determine uni-variate or bi-variate data; 9-10, determine biased or unbiased data.

1. Making sandwiches requires 20 bread loaves.
2. The average population of a town is 60%.
3. Mango is a juicy fruit.
4. The majority of boys in the US play baseball.
5. Determine if the number of hours a person uses a cell phone will affect their ears.
6. Determine the marks of students in science and math.
7. Mr. Andrew makes a list of food items he likes to eat.
8. A study is conducted to determine if milk is children's favorite drink.
9. A random survey was done to find badminton as girl's favorite game.
10. A survey was done among women to find their favorite nail paints.



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## Topic : Categorizing Data and Bias - Worksheet 4

For questions 1-5, determine if the problem deals with qualitative or quantitative data; 6-8, determine uni-variate or bi-variate data; 9-10, determine biased or unbiased data.

1. Making 5 glasses of cold coffee requires 20 pieces of ice.
2. The villages have plenty of electricity.
3. Lion is the king of the jungle.
4. 30% of the population is below the poverty line.
5. Determine if the number of hours workers work in a chemical factory affects their health.
6. Determine the cost of the honey and butter in the market.
7. Mr. Ricky makes a list of fruits he likes.
8. A study is conducted to determine the favorite music of girls.
9. A random survey was done to find out how many girls know how to make chocolate cake.
10. A survey was done among girls to find their favorite dress.



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## Topic : Categorizing Data and Bias - Worksheet 5

For questions 1-5, determine if the problem deals with qualitative or quantitative data; 6-8, determine uni-variate or bi-variate data; 9-10, determine biased or unbiased data.

1. Making 5 cups of tea requires 3 cups of water.
2. The villages have less schools in comparison to city.
3. Pinky has a small bag.
4. 50% of terrorists are in Pakistan.
5. Determine if a person sleeping 8 hours is good for his health.
6. Determine the cost of an Audi a6 in market.
7. Mr. Ricky makes a list of his everyday schedule.
8. A study is conducted to determine the population of a country.
9. A random survey was done to find how many people are literate.
10. A survey was done among boys to find their favorite game.

