

Name: _____

Identify and Write Statistical Questions

Multiple people are asked both questions. Assuming the people give accurate answers, circle the question that is statistical.

- | | |
|---|---|
| 1. How many letters are in the alphabet? | How many letters are in your name? |
| 2. What is your favorite sport? | Which sport has the largest North American TV audience? |
| 3. How many pets do you own? | Are cats adapted to see well in the dark? |
| 4. What should the maximum price of a phone be? | What is the most expensive phone on the market? |
| 5. What is the most energy- efficient TV model? | How many minutes of TV do you watch per week? |

Write a statistical question about each topic for a survey.

6. temperature _____

7. video games _____

8. sleep _____

9. clothes _____

10. songs _____

ANSWER KEY

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Multiple people are asked both questions. Assuming the people give accurate answers, circle the question that is statistical.

1. How many letters are in the alphabet? **How many letters are in your name?**
2. **What is your favorite sport?** Which sport has the largest North American TV audience?
3. **How many pets do you own?** Are cats adapted to see well in the dark?
4. **What should the maximum price of a phone be?** What is the most expensive phone on the market?
5. What is the most energy- efficient TV model? **How many minutes of TV do you watch per week?**

Write a statistical question about each topic for a survey.

Answers will vary. Sample answers are provided.

6. temperature **What temperature is your thermostat set to?**

7. video games **How many days per week do you play video games?**

8. sleep **How many hours of sleep did you get last night?**

9. clothes **What is your favorite type of shirt to wear?**

10. songs **What is the best song genre?**

