

Unit 1: Statistical Questions

Read each question. If the question is statistical, write "YES". If the question is non-statistical, write "NO". For a question that **IS** statistical, explain why the question **IS** statistical.

REMEMBER: I can determine a statistical question by recognizing that it has variability (different answers) and can be answered quantitatively (using numbers).

1. How long did each student take to run a mile?
2. How many letters are in your name?
3. Which students are wearing red?
4. How many brothers does each classmate have?
5. What was the greatest number of hours you have spent sleeping?
6. How many points did the basketball teams score?
7. How tall are the trees in the park?
8. How many people think that Mylie Cyrus is the best singer?
9. How many cities had more than 2" of snow?
10. How many leaves did each tree branch have on it?
11. How many apps do my classmates have on their phones?

12. How many branches does the oak tree have?
13. How old are the paintings in the museum?
14. How old is the painting, "The Mona Lisa"?
15. What were the students' scores for the math test?
16. How many hours of sleep does each 6th grade student get?
17. What is the shoe size of each person in the class?
18. Which football game had the most touchdowns this season?
19. How many Elvis songs does each person recognize?
20. Who has the newest shoes in the class?

Create two examples of statistical questions. Then, explain why each question is statistical.