Student Name: _____

Manipulating fractions:
1. I enjoy this
    a. Strongly disagree   b. Disagree   c. Neutral   d. Agree   e. Strongly agree

2. This is a valuable life skill.
    a. Strongly disagree   b. Disagree   c. Neutral   d. Agree   e. Strongly agree

3. This is a valuable skill for anyone using data to make decisions.
    a. Strongly disagree   b. Disagree   c. Neutral   d. Agree   e. Strongly agree

Interpreting functions and manipulating algebraic symbols
4. I enjoy this.
    a. Strongly disagree   b. Disagree   c. Neutral   d. Agree   e. Strongly agree

5. This is a valuable life skill.
    a. Strongly disagree   b. Disagree   c. Neutral   d. Agree   e. Strongly agree

6. This is a valuable skill for anyone using data to make decisions.
    a. Strongly disagree   b. Disagree   c. Neutral   d. Agree   e. Strongly agree

Analyzing numbers/statistics involving people and events in everyday life.
7. I enjoy this.
    a. Strongly disagree   b. Disagree   c. Neutral   d. Agree   e. Strongly agree

8. This is a valuable life skill.
    a. Strongly disagree   b. Disagree   c. Neutral   d. Agree   e. Strongly agree

9. This is a valuable skill for anyone using data to make decisions.
    a. Strongly disagree   b. Disagree   c. Neutral   d. Agree   e. Strongly agree

Analyzing statistics involving pure chance in games, surveys, studies and experiments
10. I enjoy this.
    a. Strongly disagree   b. Disagree   c. Neutral   d. Agree   e. Strongly agree

11. This is a valuable life skill.
    a. Strongly disagree   b. Disagree   c. Neutral   d. Agree   e. Strongly agree

12. This a valuable skill for anyone using data to make decisions.
    a. Strongly disagree   b. Disagree   c. Neutral   d. Agree   e. Strongly agree

CLAIMS:
13. Statistics are basically numbers. They don't change regardless of what you take into account.
    E.g., two plus two is always four.
    a. Strongly disagree   b. Disagree   c. Neutral   d. Agree   e. Strongly agree

14. Statistics are like words. They change depending on what you take into account.
    a. Strongly disagree   b. Disagree   c. Neutral   d. Agree   e. Strongly agree

STUDIES:
15. A news stories reports that students who take algebra in 8th grade are more likely to
    go to college than those who don't. This statistic strongly supports requiring all
    students to take algebra in 8th grade.
    a. Strongly disagree   b. disagree   c. Neutral   d. Agree   e. Strongly agree

16. A study finds that only 90% of golfers who take a two-day golf camp have lower
    scores after the camp than they had before. This statistic strongly supports the
    conclusion that this two-day golf camp is effective in improving the scores of the
    attendees.
    a. Strongly disagree   b. disagree   c. Neutral   d. Agree   e. Strongly agree

17. A study finds that only 74% of those in prison have below-average IQs. This statistic
    strongly supports the conclusion that students with below-average IQs are at risk for
    becoming criminals.
    a. Strongly disagree   b. disagree   c. Neutral   d. Agree   e. Strongly agree

18. A study finds that 53% of families are dysfunctional. This statistic strongly supports
    the conclusion that most families need professional help or counseling.
    a. Strongly disagree   b. disagree   c. Neutral   d. Agree   e. Strongly agree

19. A small random survey of 30 college students finds that students that were serious
    gamers were more likely to have lower grades. If colleges were effective in
    controlling student gaming, they could expect to see student grades increase.
    s. a. Strongly disagree   b. disagree   c. Neutral   d. Agree   e. Strongly agree

20. A study finds that only 2% of college athletes reported cheating on tests. This
    statistic strongly supports the conclusion that cheating is not a big problem among
    college athletes.
    a. Strongly disagree   b. disagree   c. Neutral   d. Agree   e. Strongly agree

CONCLUSION:
21. Statistical Literacy should be a required course for all college graduates.
    a. Strongly disagree   b. Disagree   c. Neutral   d. Agree   e. Strongly agree