Assignment 4

1. If a student could only be happier when presented with sets of sticks of length 3, 5, and 7 in inches, the student would be happiest if

   a. the sticks were 10 inches long.
   b. the sticks were 20 inches long.
   c. the sticks were 30 inches long.
   d. the sticks were 40 inches long.

2. **What do the terms in the following combinations will represent if:**

   a. the student takes only the sticks of length 3, 4, and 5 inches.
   b. the student takes only the sticks of length 3, 5, and 6 inches.
   c. the student takes only the sticks of length 4, 5, and 7 inches.
   d. the student takes only the sticks of length 3, 4, and 7 inches.

3. **How does length affect volume?**

4. **England Class:**

   a. The number of times that Alice was able to catch the ball.
   b. The number of times that the ball was caught by Alice.
   c. The number of times that the ball was not caught by Alice.
   d. The number of times that the ball was not caught by anyone.

5. **Italy Class:**

   a. The number of times that Sally was able to catch the ball.
   b. The number of times that the ball was caught by Sally.
   c. The number of times that the ball was not caught by Sally.
   d. The number of times that the ball was not caught by anyone.

6. **Which of the following statements is correct:**

   a. The number of times that Alice was able to catch the ball.
   b. The number of times that the ball was caught by Alice.
   c. The number of times that the ball was not caught by Alice.
   d. The number of times that the ball was not caught by anyone.

7. **Which of the parameters contains zero under the null hypothesis:**

   a. The number of times that Alice was able to catch the ball.
   b. The number of times that the ball was caught by Alice.
   c. The number of times that the ball was not caught by Alice.
   d. The number of times that the ball was not caught by anyone.

8. **Which of the statements is correct:**

   a. The number of times that Alice was able to catch the ball.
   b. The number of times that the ball was caught by Alice.
   c. The number of times that the ball was not caught by Alice.
   d. The number of times that the ball was not caught by anyone.

9. **Which of the statements is correct:**

   a. The number of times that Alice was able to catch the ball.
   b. The number of times that the ball was caught by Alice.
   c. The number of times that the ball was not caught by Alice.
   d. The number of times that the ball was not caught by anyone.

10. **Which of the statements is correct:**

    a. The number of times that Alice was able to catch the ball.
    b. The number of times that the ball was caught by Alice.
    c. The number of times that the ball was not caught by Alice.
    d. The number of times that the ball was not caught by anyone.

11. **Which of the statements is correct:**

    a. The number of times that Alice was able to catch the ball.
    b. The number of times that the ball was caught by Alice.
    c. The number of times that the ball was not caught by Alice.
    d. The number of times that the ball was not caught by anyone.

12. **Which of the statements is correct:**

    a. The number of times that Alice was able to catch the ball.
    b. The number of times that the ball was caught by Alice.
    c. The number of times that the ball was not caught by Alice.
    d. The number of times that the ball was not caught by anyone.