**1.3.8**

**Procedure Questions**

5. Line 2 is necessary because it gives a starting point for the guess so it can be defined early on.

7. The user might have to guess 100 times

9. You need at least 5999 guesses.

10. The fastest is the Bubble type

11a. You would need 365 guesses (366 on leap year)

11b. Because there is no middle term to base everything off of

11c. It has a search history and bases ads on what you search and look at

**Conclusion Questions:**

1. A for loop will go on for everything in a list, tuple, or string. The while loop will go on until whatever it is set to is false
2. I’m able to go through and write the code quickly but I need to work on figuring out how strings and loops work together and when they don’t