Password Duel

Name: _____

Student quiz

Date: _____

Directions: Write your answers for the questions below.

1. In your own words, explain what someone could do if they guessed the password to one of your accounts.

2. You play the password guessing game again with new rules. One student picks a single-character password using only lowercase letters, and the other student picks a single-character password using lower or uppercase letters. Which type of password do you think would be harder to guess? Explain your answer.

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Directions: Write your answers for the questions below.

3. A class plays the password guessing game with four different types of passwords. The table below shows how many times each type of password was guessed. Which type of password was the easiest to guess ? How does the data show this?

Password Type	Number of Times Password was Guessed
A	𝍸 ||
B	||||
C	𝍸 𝍸 𝍸 |
D	||

4. Why do you think many websites force you to use lower and upper case letters, numbers, and symbols to create a password?

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Student quiz

Directions: Write your answers for the question below.

5. You are buying a bike lock to keep your bike safe from thieves. You have a choice between a three-digit lock and a five-digit lock (each digit has numbers 0-9). If they are the same price, which lock would you pick? Why?