

Hacker-Resistant Passwords

How to create a hacker-resistant password to keep your device and information secure. (Bruce Schneier method)

1. Write 1-2 sentences that you can easily remember and mean something to you. Try to include a number and be sure to use correct capitalization and punctuation.
2. Copy the first letter of each word and also any numbers and punctuation.

Examples

Beginner-Level

1. Ms. Barnett gave me a 97 on my test.
2. **M.Bgma97omt .** (631 thousand years to crack according to <https://HowSecureIsMyPassword.net/>)

Advanced-Level

1. My sister **and** I go to bed **at** 9:30 every night.
2. My sister **&** I go to bed **@** 9:30 every night. (add an extra step by **changing** some of the words first)
3. **Ms&Igtb@9:30en.** (4 trillion years to crack)

Exercises

#1 Create a password from this sentence.

1. Oh wow! I want to go on that rollercoaster. It has 7 loops!
2. _____

Remember . . .

1. A great password has at least
 - 2 uppercase letters: ABCDEFGHIJKLMNOPQRSTUVWXYZ
 - + 2 lowercase letters: abcdefghijklmnopqrstuvwxyz
 - + 2 numbers: 0123456789
 - + 2 punctuations or symbols: #.\$&!,? - +
 - = 8 **or more** keystrokes/characters
2. Never share your password.
3. Don't save your password on a computer or device.
4. Only write your password on paper.
5. Keep your password paper somewhere secret and safe.
6. Try to use many different passwords especially for super-secret stuff.

#2 Write your own sentence(s) and convert it to a password.

1. _____
2. _____

Try another one . . .

Sentence(s) _____

Password _____