

Video Guided Notes for Encryption

Step 1: Watch [The Internet: Encryption & Public Keys](#) 6:39 minutes long

Step 2: Answer the following...

1. What is encryption?
2. _____ the process of unscrambling text to make it readable.
3. A _____ allows you to unlock the secret message.
4. If I wanted to use a Caesar cipher to encrypt the word “school” with a key of 6, what would be the encrypted version? _____
5. Regarding modern communication, what does it mean to have a password that is “too hard” to break?
6. Today, secure communications are encrypted using _____ bit keys.
7. What is symmetric encryption?
8. What is a limitation of symmetric encryption?
9. What is asymmetric encryption?
10. The _____ is shared with everyone and is used to encrypt a message.
11. The message can only be _____ by a computer with access to the _____.
12. Explain how the mailbox example describes public key encryption.
13. What protocols mean that public key encryption is being used to safely encrypt messages?