

**Name:** \_\_\_\_\_ **Date:** \_\_\_\_\_

## **Neon Shield: The 8th Grade Digital Defense Quest**

Construct a solid foundation in network safety by identifying 10 key security concepts including biometric locks, firewall basics, and digital footprints.

---

**1. Which of these is a form of biometric authentication often used to secure modern smartphones?**

- A. A complex 12-digit PIN code
- B. A physical security key inserted into a port
- C. Facial recognition or fingerprint scanning
- D. Answering a secret security question about a pet

**2. True or False: Using the same password for your school email and your gaming account is a safe practice as long as the password is long.**

- A. True
- B. False

**3. A \_\_\_\_ is a digital barrier that monitors and controls incoming and outgoing network traffic based on security rules.**

- A. Router
- B. Firewall
- C. Modem
- D. Switch

**4. What should you do if you receive a 'Critical Alert' pop-up on a website claiming your computer has 50 viruses and providing a phone number to call?**

- A. Call the number immediately to get professional help.
- B. Download the 'cleaner' software offered by the pop-up.
- C. Close the browser tab and do not call the number.
- D. Provide your IP address so they can fix it remotely.

**5. The permanent record of all the information you leave behind online, including comments and likes, is known as your digital \_\_\_\_.**

- A. Shadow
- B. Footprint
- C. History
- D. Folder

**6. True or False: If a website's URL begins with 'https://', it means the data sent between your browser and the site is encrypted.**

- A. True
- B. False

**Name:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**7. Which of these is the most secure way to handle a suspicious link sent to you by a 'friend' on social media whose account might be hacked?**

- A. Click it to see if it's a joke.
- B. Message the friend on a different app to verify they sent it.
- C. Forward it to other friends to ask if they know what it is.
- D. Like the message so they know you saw it.

**8. When a person uses the internet or mobile phones to intentionally upset or intimidate someone else, it is called \_\_\_\_.**

- A. Social Engineering
- B. DDoS Attacking
- C. Cyberbullying
- D. Data Mining

**9. True or False: Software updates for your computer or apps often include 'patches' that fix security vulnerabilities.**

- A. True
- B. False

**10. Your friend suggests downloading a 'free' version of a popular paid game from an unofficial website. What is the primary cybersecurity risk?**

- A. The game might be too difficult to play.
- B. The file could contain a Trojan horse or other malware.
- C. Your internet connection might get slower for one hour.
- D. The graphics will not look as good as the original.