

## Answer Key: Data Moats and Digital Totems: 7th Grade Cyber Safety Quiz

Encryption basics, digital footprints, and social engineering traps. Students build a defensive mindset to secure their growing online identity and personal networks.

### 1. Which of these is the most secure way to manage dozens of unique, complex passwords for different school and gaming accounts?

**Answer:** B) Using a trusted digital password vault or manager

Password managers encrypt your login data, allowing you to use unique, hard-to-crack passwords for every site without having to memorize them all.

### 2. If you receive an email from a 'friend' asking for an emergency wire transfer or gift card code, you should verify their identity through a different communication method before acting.

**Answer:** A) True

This is a common tactic called 'spear phishing.' Always call or text the person directly to see if their email account was hacked.

### 3. A strategy called \_\_\_\_\_ Authentication requires a user to provide two different forms of identification to access an account.

**Answer:** B) Multi-Factor

Multi-Factor Authentication (MFA) adds a layer of security by requiring something you know (password) and something you have (like a code sent to a phone).

### 4. You are at a local cafe and want to check your grades. What is the safest way to connect to the internet?

**Answer:** B) Use a Personal Hotspot or a Virtual Private Network (VPN)

Public Wi-Fi is often unencrypted, meaning hackers can 'sniff' or intercept your data. VPNs create a secure tunnel for your information.

### 5. Once you delete a photo from a social media app, it is permanently erased from the internet and can never be recovered by anyone.

Name: \_\_\_\_\_

Date: \_\_\_\_\_

**Answer:** B) False

Data can be archived, screenshotted, or stored on company servers long after you 'delete' it from your personal view.

**6. The collection of all the information about a person that exists on the Internet as a result of their online activity is called a Digital \_\_\_\_\_.**

**Answer:** B) Footprint

A digital footprint includes everything from social media posts to search history and contributes to your online reputation.

**7. What is the primary purpose of a 'Firewall' on a computer network?**

**Answer:** B) To monitor and filter incoming and outgoing network traffic

A firewall acts as a barrier between a trusted network and untrusted networks (like the internet) to block malicious traffic.

**8. Biometric security uses physical characteristics, such as fingerprints or facial recognition, to verify a user's identity.**

**Answer:** A) True

Biometrics are unique to each individual, making them a powerful (though not perfect) tool for securing devices.

**9. When a website URL starts with \_\_\_\_\_, it indicates that the site is using a secure, encrypted connection.**

**Answer:** C) HTTPS

The 'S' in HTTPS stands for 'Secure,' meaning the communication between your browser and the server is encrypted.

**10. Which of the following is a sign of a 'Social Engineering' attack?**

**Answer:** B) A pop-up stating you have a virus and must call a number immediately

Social engineering relies on creating a sense of urgency or fear to trick people into making security mistakes or giving away info.