

Name: _____ Date: _____

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.

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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.