

AP Cybersecurity

Name: _____ Score: _____

1. What is the main goal of social engineering?
 - ☐ To break the encryption
 - ☐ To trick a person into breaking security
 - ☐ To overload a server
 - ☐ To scan for open ports
2. Which is a sign of an online password attack in the logs?
 - ☐ One successful login at noon
 - ☐ Many failed logins in a short time
 - ☐ A file being downloaded
 - ☐ A printer coming online
3. An adversary sets up a fake access point copying the real SSID. This is a(n)..
 - ☐ jamming attack
 - ☐ evil twin attack
 - ☐ war driving attack
 - ☐ smurf attack
4. An AI clone of a person's voice used to impersonate them is a..
 - ☐ dictionary
 - ☐ deepfake
 - ☐ honeypot
 - ☐ keylogger
5. Why is AI useful for reading network logs?
 - ☐ It makes the logs shorter
 - ☐ It can sort millions of events humans cannot
 - ☐ It deletes the logs
 - ☐ It encrypts the logs
6. On an evil-twin network, HTTPS sites still keep your data encrypted.
 - ☐ True ☐ False

7. AI security recommendations should be reviewed by a human before use.

☐ True ☐ False

8. Giving an adversary your pet's name and birthday could help them impersonate you.

☐ True ☐ False

9. Multifactor authentication (MFA) adds security beyond just a password.

☐ True ☐ False

10. Enabling MFA can stop an adversary who has only cloned your voice.

☐ True ☐ False

AP Cybersecurity

1. To trick a person into breaking security

Social engineering targets the **human**, not the code.

2. Many failed logins in a short time

A burst of **failed** logins signals guessing.

3. evil twin attack

Copying the SSID to lure victims is the **evil twin**.

4. deepfake

A **deepfake** clones a voice or face.

5. It can sort millions of events humans cannot

AI handles the **scale** humans cannot.

6. True

HTTPS encryption protects you even if traffic is intercepted.

7. True

AI is probabilistic; a human must check.

8. True

That info often answers security **challenge questions**.

9. True

MFA asks for extra proof, like a texted code.

10. True

A second factor blocks a voice-only attack.