

Name _____

Fortify Your Fortress: Securing Your Home Wi-Fi Network

Short Answer Key

1. Creating a strong Wi-Fi password is essential because it prevents unauthorized access to your home network. A strong password should be lengthy, include a mix of uppercase letters, lowercase letters, numbers, and symbols, and avoid common phrases or easily guessable words. This enhances the security of your network and protects your connected devices and data.
2. Not updating your router's firmware regularly can pose security risks because it may contain vulnerabilities that cybercriminals can exploit. Keeping the firmware up to date is essential to patch these vulnerabilities, improve network security, and ensure that the router has the latest security features.
3. Disabling remote management features on your router is essential to protect your home Wi-Fi network because it prevents attackers from accessing your router's settings from outside your network. It adds an extra layer of security by limiting potential entry points for cyber threats.
4. Enabling a guest network on your router has advantages and disadvantages. It enhances security by keeping your main network separate from guests, preventing them from accessing your devices and data. However, it also adds complexity to network management and may require you to set up additional passwords and access controls.

