

Name _____

Unlocking the Secret of VPNs: Your Ticket to Online Privacy

Open-Ended Response Answer Key

1. When vacationing in a foreign country and wanting to access geo-restricted content, such as your favorite streaming service, using a VPN can help. You would connect to a VPN server in your home country, making it appear as though you're back home. This allows you to access the streaming service as if you were in your home country, bypassing the geo-restriction.
2. Using public Wi-Fi networks without a VPN poses risks because these networks are often less secure. Without a VPN, hackers can intercept your data, potentially stealing sensitive information like passwords or credit card numbers. This data can be used for identity theft or financial fraud.
3. One example of a VPN protecting online privacy and security is when using public Wi-Fi at an airport. Without a VPN, your data on the airport's public network could be vulnerable to hackers. However, with a VPN, your connection is encrypted, ensuring that your data remains secure.
4. Encryption in the context of a VPN is like placing your message in a locked box before sending it. Only the VPN server has the key to unlock the box and read the message. Similarly, when you use a VPN, your internet data is scrambled into an unreadable code, which can only be decoded by the VPN server, ensuring your data's security and privacy.

