

Name \_\_\_\_\_

## Surfing the Web: Unveiling the World of Internet Service Providers (ISPs)

### Short Answer Key

1. Broadband ISPs use technologies like DSL, cable, fiber-optic, and satellite, while wireless ISPs (WISPs) use wireless technologies such as Wi-Fi, microwave, or cellular networks to provide internet access.
2. To connect to the internet through an ISP, you subscribe to their service, and they provide you with a modem or router. The modem or router connects your devices to their network, allowing data to travel between your device and the internet.
3. Data plans offered by ISPs determine factors like data usage limits, speeds, and pricing. They cater to different user needs by offering options for light, moderate, and heavy internet users.
4. ISPs contribute to online security and privacy by offering features like firewalls, antivirus software, and secure connections. They protect privacy by not sharing users' browsing history without consent.
5. 5G networks promise faster and more widespread internet access. They could enable faster downloads, low-latency connections for gaming and streaming, and support for emerging technologies like the Internet of Things (IoT).

