SuperNovaSchool
LEARN TO BE DISTINCT

REVISION WORKSHEET – SOLVED

Subject: Computing **Grade: 4** Section: _____

Name: _____ **Date:** _____

Question 1: Circle the word that does NOT belong in each group.

1. Google Chrome – Safari – Firefox – Ethernet **Answer: Ethernet**
2. Wi-Fi – Radio waves – Wireless signals – Ethernet cable **Answer: Ethernet cable**
3. Server – Client – Router – Pencil **Answer: Pencil**
4. Broken cable – Power outage – Too many users – Strong connection **Answer: Strong connection**
5. Website – Web page – Online information – Keyboard **Answer: Keyboard**
6. Firewall – Network security – Protection – Password sharing **Answer: Password sharing**

Question 2: Complete the Comparison Table

Feature	Wi-Fi	Ethernet
Type of connection	Wireless	Wired
Uses cables?	No	Yes
Uses wireless signals?	Yes	No
Usually more stable?	Less stable; can be affected by distance or interference	Usually more stable and reliable
Allows movement without cables?	Yes	No; the device is connected by a cable

Question 3: Match the Network Failure with Its Cause

Network Problem	Possible Cause	Correct Answer
1. No Internet during a power cut	a. Too many users / b. Broken cable / c. Power outage / d. Too far from the router / e. Bad weather	c. Power outage
2. Slow Internet connection	a. Too many users	a. Too many users
3. No Internet after a wire breaks	b. Broken cable	b. Broken cable
4. Weak Wi-Fi signal	d. Too far from the router	d. Too far from the router
5. Internet problems during a storm	e. Bad weather	e. Bad weather

Question 4: Write Internet or World Wide Web against each statement.

1. It is a global network connecting computers and devices. **Internet**
2. It is made up of websites and web pages. **World Wide Web**
3. It allows services such as email, video calls and the Web. **Internet**
4. It is accessed through a web browser to view websites. **World Wide Web**
5. It connects different networks around the world. **Internet**

Question 5: Who Am I? Read the clues and identify the correct term.

1. I am a computer that gives information to other computers. **Server**
2. I ask a server for information whenever you open a website. **Client**
3. I connect devices to a network without using cables. **Wireless access point (or Wi-Fi router)**
4. I use cables to connect computers to a network. **Ethernet**
5. I protect networks by blocking harmful or unwanted data. **Firewall**
6. I am a person who tries to access a network without permission. **Hacker**

Question 6: Read the situations carefully.

1. The School Computer Lab: All the computers in a computer lab are connected using Ethernet cables.

a. Is this a wired or wireless network? **Wired network.**

b. Write one advantage of this connection. **It is usually fast, stable and reliable.**

2. The Family Tablet: Ali is using his tablet to watch videos through Wi-Fi.

a. Is his tablet a client or server? **Client.**

b. What does Wi-Fi allow him to do? **It allows him to connect to the network and watch videos wirelessly, without using a cable.**

3. The Network Stops Working: One morning, students cannot open websites on their school computers because the electricity has gone out.

a. What has happened to the network? **The network devices have lost power, so the network/internet connection is not working.**

b. Identify the possible cause. **A power outage.**

Question 7: Tick (✓) the practices that help keep you safe online.

☐ Sharing your password with friends.

☑ **Using a firewall to protect a network.**

☑ **Keeping a backup of important files.**

☐ Sharing your home address with strangers.

☑ **Saving your work regularly.**

☑ **Using strong passwords.**

☐ Opening unknown harmful links.