



Name _____ Class _____ Date _____

AFTER THIS WORKSHEET YOU CAN

- ✓ Network components: hosts, servers, intermediaries
- ✓ LAN vs WAN
- ✓ The Internet as network of networks
- ✓ Network trends: BYOD, cloud, IoT

Section A • Concept Check • BEGINNER $4 \times 1 = 4$ _____

- 1 A device that requests services is a:
☐ A. client ☐ B. server ☐ C. switch ☐ D. cable
- 2 A network in one building is a:
☐ A. LAN ☐ B. WAN ☐ C. MAN body
☐ D. PAN only
- 3 Networks of networks form the:
☐ A. Internet ☐ B. intranet only ☐ C. VLAN
☐ D. subnet
- 4 Employees using personal devices at work is:
☐ A. BYOD ☐ B. DHCP ☐ C. NAT ☐ D. POE

Section B • Problem Solving • INTERMEDIATE $2 + 3 \times 3 = 11$ _____

- 5 A _____ provides services like web pages or files.
- 6 WAN stands for Wide _____ Network.
- 7 Client vs server in one line?

8 LAN vs WAN example each?

9 Name the 4 basic network requirements.

Section C • Challenge • CHALLENGE 5 _____

10 What is a converged network?

Reflection — the most useful thing I learned: _____

A ___/4 B ___/11 C ___/5 **Total ___/20**

Teacher's Signature _____

Parent's Signature _____

ANSWER KEY — FOLD OR CUT BEFORE HANDING OUT

1-A 2-A 3-A 4-A | 5 server 6 Area 7 = Client requests; server provides services 8 =
LAN: office network; WAN: links between cities/ISPs 9 = Fault tolerance, scalability, QoS, security
| 10 = One network carrying data, voice and video together

