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# Birth of the Net

Name: \_\_\_\_\_ Hour: \_\_\_\_\_

**Go to the PDF to answer the information.**

## Section 1 – Master the Basics – Birth of the Net

1. What year was the Internet invented? \_\_\_\_\_
2. \_\_\_\_\_ Was the first network that made up the early Internet.
3. In 1985, the \_\_\_\_\_ created the backbone of the early internet that was free to connect to.
4. \_\_\_\_\_ registered all the internet addresses and is now called \_\_\_\_\_.

## Section 2 – Master the Basics – Net Anatomy

5. Describe how the Internet is like a small town.
6. Is there only **one** program you can use to access the Internet, or **many**?

## Section 3 – Master the Basics – Making Connections

7. A \_\_\_\_\_ translates digital signals into analog signals and is used to get Internet at home.
8. Most modems today are \_\_\_\_\_.
9. Modems require a \_\_\_\_\_ port.

## Section 4 – Master the Basics – About Modems

10. What does MODEM stand for? \_\_\_\_\_
11. Can DSL carry both voice and data?
12. DSL service requires a \_\_\_\_\_ and a \_\_\_\_\_ card.
13. What does a “Cable Modem” plug into to get the Internet?
14. A T1 line can carry how much information?

Turn me over!

## Section 5 – Master the Basics – All About Broadband

15. Broadband operates from \_\_\_\_\_ to \_\_\_\_\_ times faster than dialup.

16. Tell me at least three of the New Services that you can access using Broadband.

A.

B.

C.

17. Broadband speeds range from \_\_\_\_\_ Kbps to \_\_\_\_\_ Mbps.

18. The five broadband choices are:

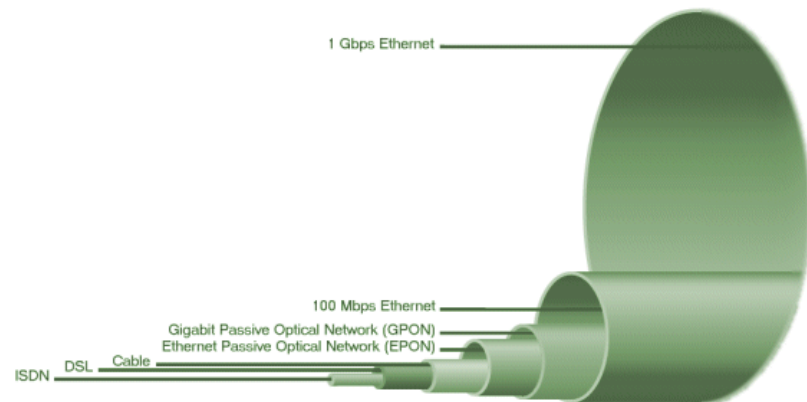
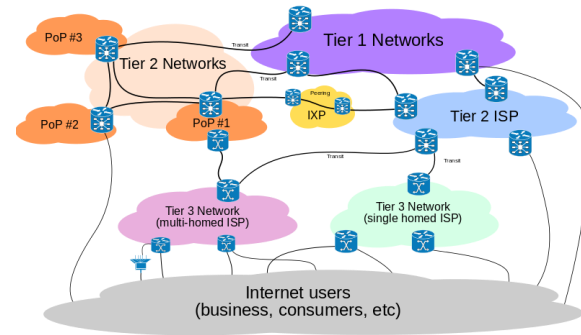
A.

B.

C.

D.

E.



19. How much does our school district spent on the Internet in one year? \_\_\_\_\_

20. How long would it take to download 1 gigabyte of data on a 1.5 Mbps DSL connection?

21. How long would it take to download 1 gigabyte of data on our 1 Gigabit connection?

## Section 6 – Master the Basics – The Future

22. What year was the World Wide Web started \_\_\_\_\_?

23. On the Internet we often talk about "bandwidth". Bandwidth is how much information a telephone line can carry. Since e-mail is only text, and web pages are graphics, sounds, and text, which takes up more bandwidth, an **e-mail** or **loading a web page**?

24. What is the "Internet 2" and why is it special?