

High School Computers Take Home Test #1

Instructions: Complete this test outside of class. You may use any resources available to you to determine the correct answers (your memory, Google, grandparents, etc.) Return the test at the beginning of the first class immediately after the one you received it.

1. How many bits in a byte?
2. What is a bit?
3. What does CPU stand for?
4. What are the three functions of a microprocessor?
5. Name two input devices.
6. Name two output devices.
7. What does resolution mean when we are talking about a computer display?
8. What do GUI and CLI stand for?
9. What is an icon and what does it do?
10. What does the command DIR do (or command LS on MacOS/Unix)?
11. What does the command CD do?
12. What does a directory do in a filesystem?
13. What is the root directory called in Windows, and what is it called in Unix, MacOS, and Linux?
14. What is a path?
15. What does the command PING do?
16. What does IP stand for in TCP/IP?
17. What is an internet?
18. What is a server?
19. What transfer protocol does a web server use?
20. What do kilo, mega, giga, and tera mean?