

Laptop Comparison Lab

Name _____

Pick up a laptop from your instructor. Look at the top of the laptop and write down the number of your system: SQ MB-_____

Part I: Hardware

1. Do NOT open up the laptop yet. Write a short physical description of the laptop, how much does it weigh, how thick is it, how wide is it?
2. Where do you think the battery is located?
3. Draw a detailed diagram of the side of the computer that contains the ports. Be sure your diagram is detailed enough so that each port can be clearly distinguished. **Label each port.**
4. What devices or ports found on our class computers are **NOT** found on this laptop?
5. How could you print from this laptop since there is no printer port?

Part II: Software

6. Open up your laptop and turn it on. To login select the student account and ask your instructor for the password. Move the cursor to the apple in the left-hand corner and click on it. Click on About this Mac and then click on the More Info button. Complete the following information:
7. OS _____ Bus Speed _____ CPU Speed _____
8. Memory _____ Number of Cores _____
9. L2 Cache _____ Type of Memory _____
10. Close this window by clicking on the red circle in the upper left-hand corner.

11. Power conservation is very important for laptops. Click on the apple and then the preferences and find the Energy Saver option. Select this option and then click on the Show Details button. What is your current battery charge?_____ How much time do you have left?_____

Close this window by clicking on the red button in the upper left-hand corner.

12. In the main window what information is displayed about power? Look in the upper right hand corner of your screen.

13. Click on Safari (picture of a compass) and then go to the class site: www.seq.org/~cdodge. Did the page come up? What device makes this Internet connection possible?

14. Click on the Photo Booth icon. Take a picture of you and your partner and show it to your instructor for teacher check. _____

15. What other programs come installed on this laptop? – list at least 5.

16. List several examples of where a laptop would be preferred over a desktop.

17. Do a web search to find out what features the latest Mac laptops include. List at least two different laptops and the features of each as well as the **cost** and **web site**.

18. Click on the apple in the upper left hand corner of your desktop and then select Shut Down. Wait for the system to shutdown completely and then return it to your instructor for final teacher check_____