3.5 Questions

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ School \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. What is the difference between the four levels of cache memory?
2. What is the biggest limitation of using a 32-bit processor?
3. What factors should be considered when comparing the speed of computers?
4. What are the benefits of using a smaller processor size during CPU manufacture?
5. What is the difference between hyper-threading and multithreading?
6. Under what circumstances might you choose to use throttling?
7. What is virtualization? Which CPU features enable advanced virtualization support?
8. Which components are used with a CPU to dissipate heat?