Review for Atmosphere Quiz Name:

1. What is the difference between cold and hot temperature with respect to molecules?
2. How are heat and temperature different?
3. What is the preferred measurement of temperature for weather? Why?
4. What are the ways in which heat energy may be transferred?
   1. b. c.
5. What are the main phases of water?
   1. b. c.
6. How does heat energy move through the different phases of water?
7. How many calories of heat energy are absorbed when water evaporates?
8. How many calories of heat energy are released when water freezes?
9. What is the relationship between dew point and condensation?
10. Why does the troposphere decrease in temperature as altitude increases?
11. Describe the relationship between air pressure and density.
12. How does wind relate to friction and speed?
13. Describe the difference between humidity and relative humidity.
14. What is the condensation nuclei?
15. What is coalescence?
16. Describe what happens during orographic lifting.

Complete “What are air masses?” worksheet