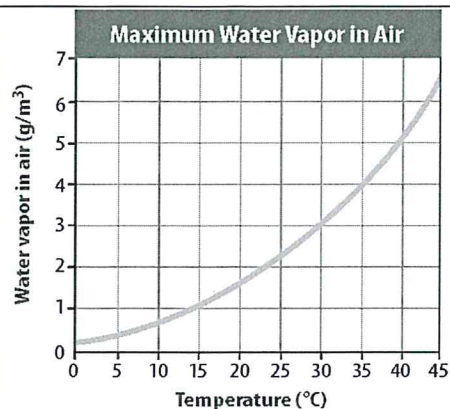
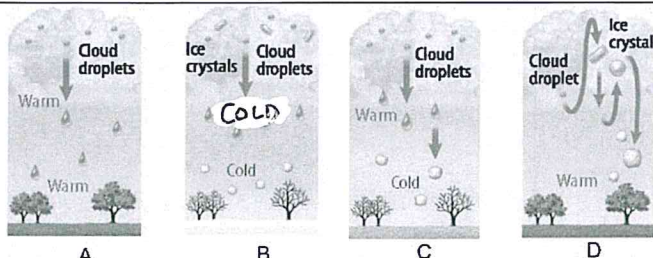


Chapter 5 Study Guide

Lesson 1



1. What is the water vapor in the air at 25 degrees? At 35 degrees?



2. Match the following: rain, snow, sleet hail

3. _____ humidity is the measure of the amount of water vapor that air is holding.

4. What is it called when the air is saturated and condensation is formed?

Lesson 2

5. Draw a high pressure system, and a low pressure system

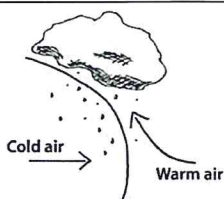
6. Tornadoes are rated on a _____ to report damage. What is the most severe rating?

7. Explain the difference between a severe weather WATCH and WARNING.

8. Although typically wind speeds in tornadoes are faster than wind speeds in hurricanes, hurricanes inflict more overall damage. Why do you think that is?

9. Describe the weather at areas of low pressure and high pressure.

10. What type of front is being shown? What is the boundary between the two called?



Lesson 3	
11. True or false: weather maps have symbols that show the humidity, dew point, and type of precipitation?	
12. Weather maps have lines drawn connecting points of equal pressure. What are those lines called?	
13. Weather maps have lines drawn to connect points of equal temperature. What are those lines called?	
14. Draw the symbol for: Warm front: Cold front: Occluded front: Stationary front:	
15. Describe what a radiosonde is.	
Matching	
A. thermometer B. barometer C. anemometer D. human observers ___ temperature ___ wind speed ___ air pressure ___ cloud amounts and visibility E. Maritime Polar F. Maritime Tropical G. Continental Tropical H. Continental Polar ___ warm and humid ___ cool and humid ___ warm and dry ___ cold and dry	