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| **Chapter 5 Study Guide Test: 1/15/16** | |
| Lesson 1 |  |
| 1. What is the water vapor in the air at 25 degrees? At 35 degrees? |  |
| Match the following: rain, snow, sleet hail |  |
| 1. \_\_\_\_\_\_\_\_ humidity is the measure of the amount of water vapor that air is holding. |  |
| 1. What is it called when the air is saturated and condensation is formed? |  |
| Lesson 2 |  |
| 1. Draw a high pressure system, and a low pressure system |  |
| 1. Tornadoes are rated on a \_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_ to report damage. What is the most severe rating? |  |
| 1. Explain the difference between a severe weather WATCH and WARNING. |  |
| 1. Although typically wind speeds in tornadoes are faster than wind speeds in hurricanes, hurricanes inflict more overall damage. Why do you think that is? |  |
| 1. Describe the weather at areas of low pressure and high pressure. |  |
| 1. What type of front is being shown? What is the boundary between the two called? |  |
| Lesson 3 |  |
| 1. True or false: weather maps have symbols that show the humidity, dew point, and type of precipitation? |  |
| 1. Weather maps have lines drawn connecting points of equal pressure. What are those lines called? |  |
| 1. Weather maps have lines drawn to connect points of equal temperature. What are those lines called? |  |
| 1. Draw the symbol for:   Warm front:  Cold front:  Occluded front:  Stationary front: |  |
| 1. Describe what a radiosonde is. |  |
| Matching |  |
| A. thermometer E. Maritime Polar  B. barometer F. Maritime Tropical  C. anemometer G. Continental Tropical  D. human observers H. Continental Polar  \_\_\_\_ temperature \_\_\_\_ warm and humid  \_\_\_\_ wind speed \_\_\_\_ cool and humid  \_\_\_\_ air pressure \_\_\_\_ warm and dry  \_\_\_\_ cloud amounts and visibility \_\_\_\_cold and dry |  |