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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?
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| 1.

Match the following: rain, snow, sleet hail |  |
| 1. \_\_\_\_\_\_\_\_ humidity is the measure of the amount of water vapor that air is holding.
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| 1. What is it called when the air is saturated and condensation is formed?
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| Lesson 2 |  |
| 1. Draw a high pressure system, and a low pressure system
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| 1. Tornadoes are rated on a \_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_ to report damage. What is the most severe rating?
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| 1. Explain the difference between a severe weather WATCH and WARNING.
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| 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?
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| 1. Describe the weather at areas of low pressure and high pressure.
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| 1. What type of front is being shown? What is the boundary between the two called?
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| Lesson 3 |  |
| 1. True or false: weather maps have symbols that show the humidity, dew point, and type of precipitation?
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| 1. Weather maps have lines drawn connecting points of equal pressure. What are those lines called?
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| 1. Weather maps have lines drawn to connect points of equal temperature. What are those lines called?
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| 1. Draw the symbol for:

Warm front:Cold front:Occluded front:Stationary front: |  |
| 1. Describe what a radiosonde is.
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| Matching |  |
| A. thermometer E. Maritime PolarB. barometer F. Maritime TropicalC. anemometer G. Continental TropicalD. 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 |  |