

## WEATHER TEST REVIEW

**Directions:** Each activity is worth ½ a point on your test. You will receive a sticker for each activity you finish in class. You will turn in this sheet at the end of class, I will post this online so you can use it as a study guide for your test. All the materials necessary for the review will also be posted online.

Earth's Atmosphere	Weather Maps/Notes	Isobars	Relative Humidity	Climate Sheets	Global Atmospheric Circulation
<p>Label the layer's of the earth's atmosphere and sketch a distinctive feature in each layer</p>	<p>Practice plotting weather symbols on the map provided.</p> <p>--OR--</p> <p>Watch a weather forecast online and with a partner use vocabulary terms to explain what is happening</p>	<p>Practice drawing isobars or isotherms using the packet provided.</p>	<p>Look at the relative humidity chart provided. What happens to relative humidity when the difference between the wet bulb and the dry bulb are small? What happens when the wet bulb depression is large?</p>	<p>Use your sheets to describe in your own words what evapotranspiration is. How is a climate ratio calculated?</p>	<p>Use a piece of chalk to draw the lines of latitude, the global wind patterns, high pressure/low pressure belts, and the three convection cells on your lab table.</p>
<p>Create a flashcard that illustrates how temperatures change in each of earth's layers</p>	<p>Create 1 flashcard for what happens before a cold front and after a cold front. Be sure to include wind directions, temperatures, precipitation.</p>	<p>Create 1 flashcard outlining the rules for isobars on one side. On the other side of the notecard, illustrate each of the rules.</p>	<p>Why is the wet bulb temperature on the psychrometer always less than the dry bulb temperature?</p>	<p>Create a flashcard for the factors that influence temperature.</p>	<p>Create a flashcard that describes how air is moving in a Hadley, Ferrell, and polar cell.</p>
<p>Work with a partner to create questions about the differences between the martian atmosphere and earth's atmosphere. Write these questions on one side of a notecard and the answers on the back. Quiz each other</p>	<p>Create 1 flashcard for what happens before a warm front and after a warm front. Be sure to include wind directions, temperatures, precipitation.</p>			<p>Create a flashcard for the factors that influence precipitation.</p>	