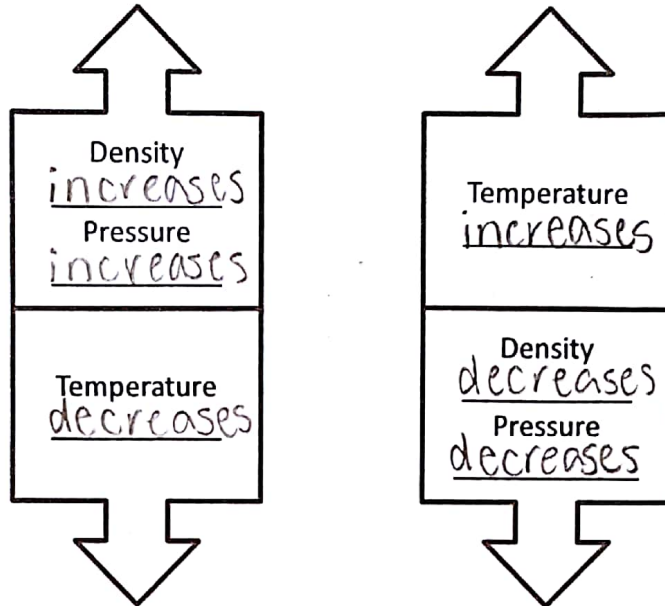


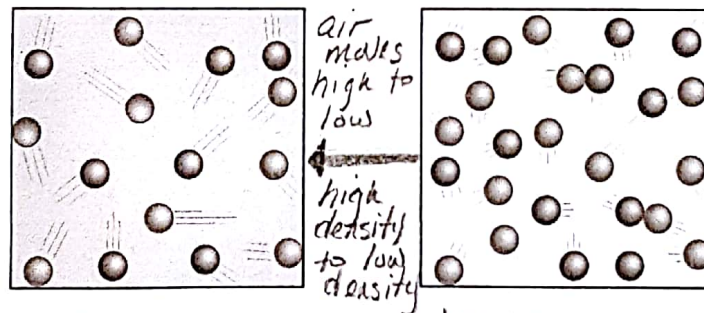
Wind Movement Notes

Name Key Date _____ Period _____

1. Explain why there is uneven heating on the Earth's surface. It is from the tilt of the Earth
2. The uneven heating of land forms wind systems
3. What causes wind? differences in air pressure
4. Fill in the diagrams



5. Fill in the information in the diagrams below for temperature, density, and pressure. Draw an arrow to represent the direction in which the wind would blow. Why would the wind blow in that direction? *Wind always moves from high to low
* Caused by differences in air pressure



<u>Higher</u> Temperature	<u>lower</u> Temperature
<u>lower</u> Density	<u>higher</u> Density
<u>lower</u> Pressure	<u>higher</u> Pressure

6. Describe which areas of the earth's surface have air that is low pressure (low density).
 Why does the air in this area have low pressure (low density)? The equator has low pressure & low density, it is hot therefore rises
7. Describe which areas of the earth's surface have air that is high pressure (high density).
 Why does the air in this area have high pressure (high density)? The poles have high density & high pressure, cold sinks and is therefore more dense.