

Name: _____

Period: _____

Atmospheric Pressure and Winds

1. What is wind? How does wind develop?

2. How is a convection current produced in the air?

3. How can air become
 - a. More dense?

 - b. Less dense?

4. What kind of weather is associated with
 - a. Low pressure

 - b. High pressure

5. Why is sunlight more intense at the equator than at the poles?

6. On the model of the Earth, show what the circulation cells look like in the Southern Hemisphere. Draw them in on the edge of the globe.

7. Label either high or low pressure for the air masses (remember air moves **towards** areas of low pressure).
 - a. At 30° N, 60° N, 90° N
 - b. At 30° S, 60° S, 90° S

8. Label the winds in the Southern hemisphere.

