**Name Date Class**

**Chapter 8 Lesson 1**

**How Does Air Move?**

**Fill in the blanks with the correct terms while reading pages 231-233.**

1. About 8/10 of air is , and about 2/10 is . A very small part of the air is .
2. There are layers of the Earth’s atmosphere.
3. Most weather happens in the .
4. and change as you go up through the layers of the atmosphere.
5. Air pressure as you go up through the atmosphere.
6. Winds, storms, and all sorts of weather occur because of differences in the of air.
7. In a , gases or liquids rise and sink in a circular path.
8. Because the gas particles are closer together, air will sink and force air to rise.
9. huge convection currents form the air above Earth.
10. Winds usually blow from to over most of the United States.
11. A is a band of very fast wind formed by the different temperatures between the convection currents.

**Use what you may already know and page 545 to answer #12.**

1. Name at least two purposes of the atmosphere.