**Homework: Chapter 3**

Energy Transfer, p. 67-69

1. Describe the processes by which energy is transferred across the Earth.

Air Temperature, p. 69-79.

2. Differentiate between local and global processes that control air temperature across the Earth.

Global Patterns of Temperature, p. 81

3. If latitude were the only control of temperature, the isotherms would run straight across the maps from east to west. Describe the one region of the world where this hypothetical pattern is actually observed and explain why it is seen here.

4. Comparing the January and July sea-level temperature maps, describe one area of the world that experiences the **greatest** temperature differences and an area of the world that experiences the **least** temperature differences. Explain what accounts for these differences.