8th Grade Chapter 4.1-4.2 Section Review Questions

Please answer these questions on a separate sheet of paper, using complete sentences.

4.1 Section Review

1. Explain the difference between climate and weather.
2. Make a chart showing how latitude, altitude, large bodies of water, and ocean currents affect climate.
3. How does the length of daytime change with each season?
4. How would a region’s climate change if a cold-water ocean current stopped flowing past it?
5. What geographical factors might cause a region to have a narrow temperature range and mild weather all year?
6. Suggest specific climate characteristics that might make the owners of a vacation resort decide to advertise the average annual temperature rather than provide temperature averages for each month or season?

4.2 Section Review

1. What two weather characteristics do meteorologists usually focus on when they determine climate zones?
2. Why do highland climate zones contain more than one climate?
3. How do mountains affect precipitation patterns?
4. How are tundra and ice cap subclimates similar? How are they different?
5. In which climates would you expect to find the most vacation resorts? Explain
6. What is the subclimate of the region where you live? What microclimates exist in your local area?