**Chapter 4-1: What causes climate?**

1. What is the difference between weather and climate?
2. What two things cause climate?
3. List 4 things that affect temperature
4. What are the 3 temperature zones? Color and Label the picture and key below



1. How does altitude affect temperature?
2. Compare Marine climates with Continental climates.
3. What is an ocean current? List three main ocean currents.
4. What is a monsoon?
5. What two factors affect precipitation?
6. What influences how much rain or snow will fall in an area?
7. Draw a picture of the leeward and windward side of a mountain.



1. What season is it when the Earth is farthest from the sun?
2. The Earth has a tilt at what angle?
3. How do the seasons in the Northern hemisphere compare with the seasons in the Southern hemisphere?