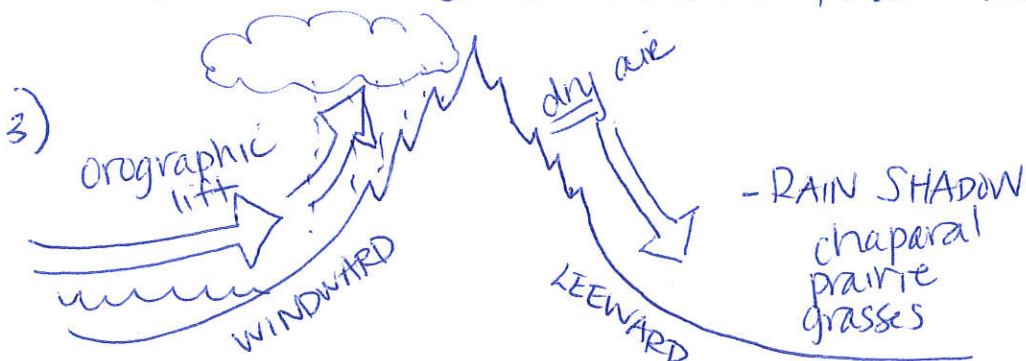


1) Large bodies of  $H_2O$  are more stable because  $H_2O$  resists temp change due to high specific heat.

2) Piedmont - closer to ocean  
 - windward side of East Bay Hills

This means that the ocean breeze blows from the the West (Ocean) to Piedmont making Piedmont cooler + wetter than Walnut Creek.



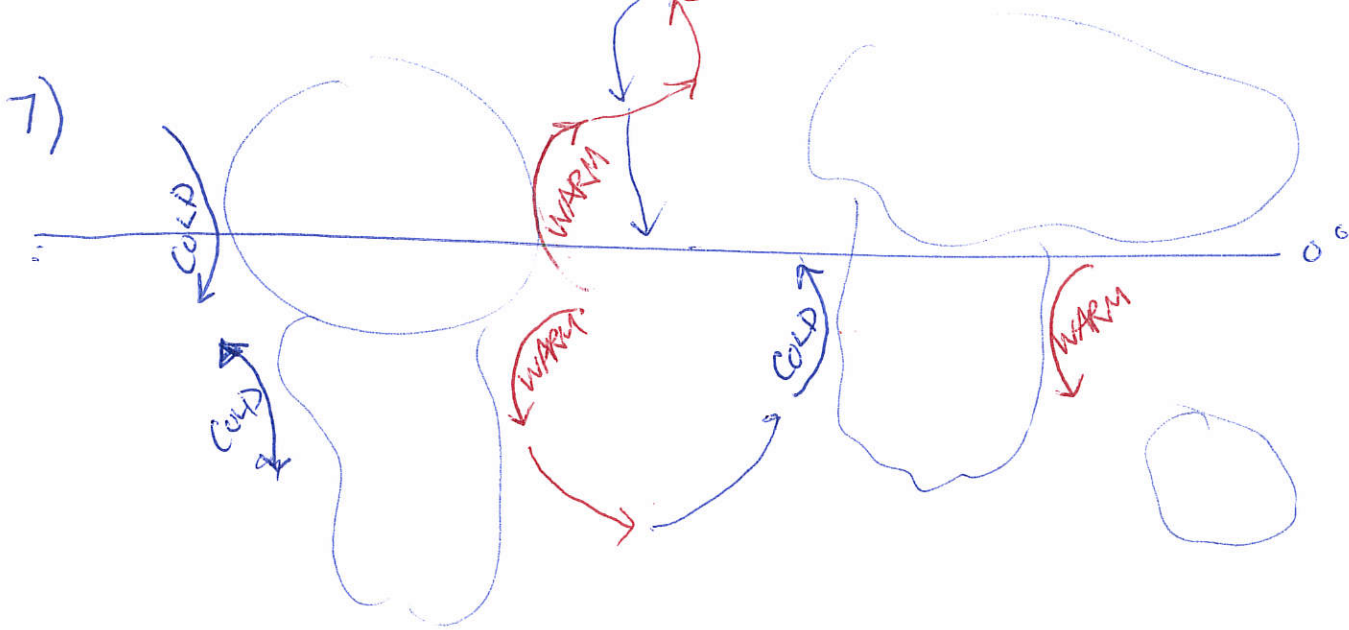
Orographic Lift = occurs when air is pushed up as it encounters a mountain range

4) Orographic Effect = impact mountains have on climate  
 windward = more moisture, (small temp)  
 more dense plants / trees

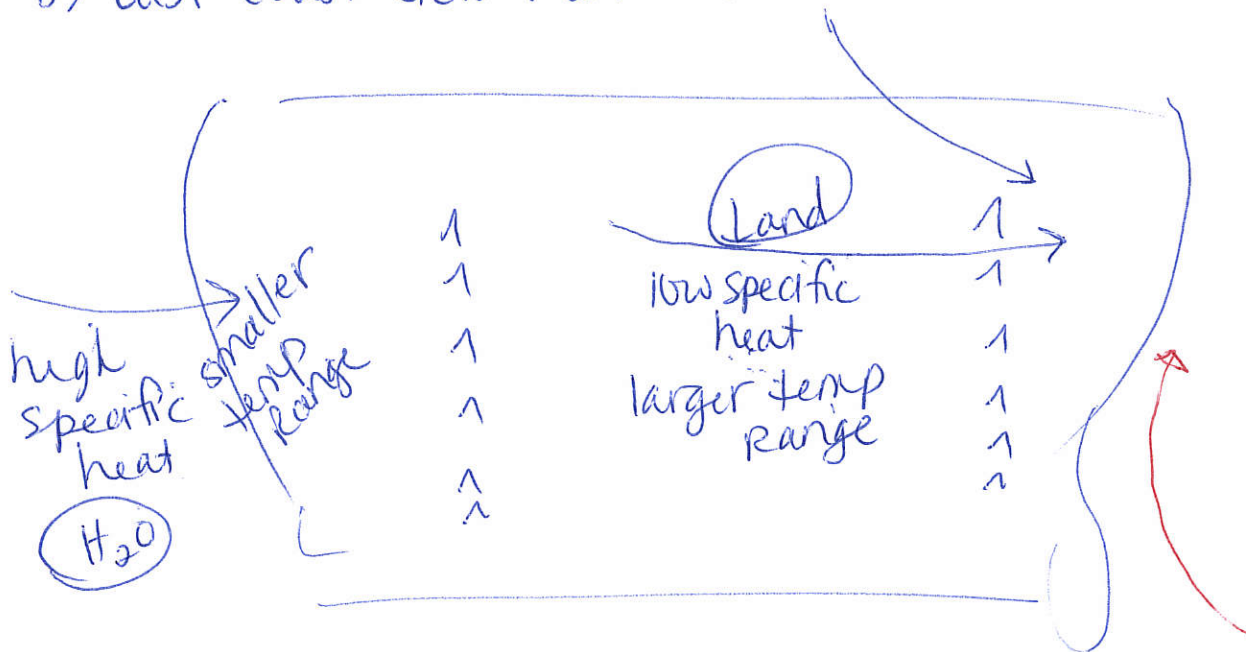
leeward = larger temp range  
 dry air, grasses → desert

5) Rain shadow is an area of land on the leeward side of Mt. Range that gets very little precipitation.

6) Piedmont = Windward Side      Walnut Creek = Leeward  
 Ca    Nevada



8) East Coast Gets Weather (Winds) from the East (Overland)



9) A monsoon is a season of lots of precipitation.

It is usually the result of a change in wind patterns