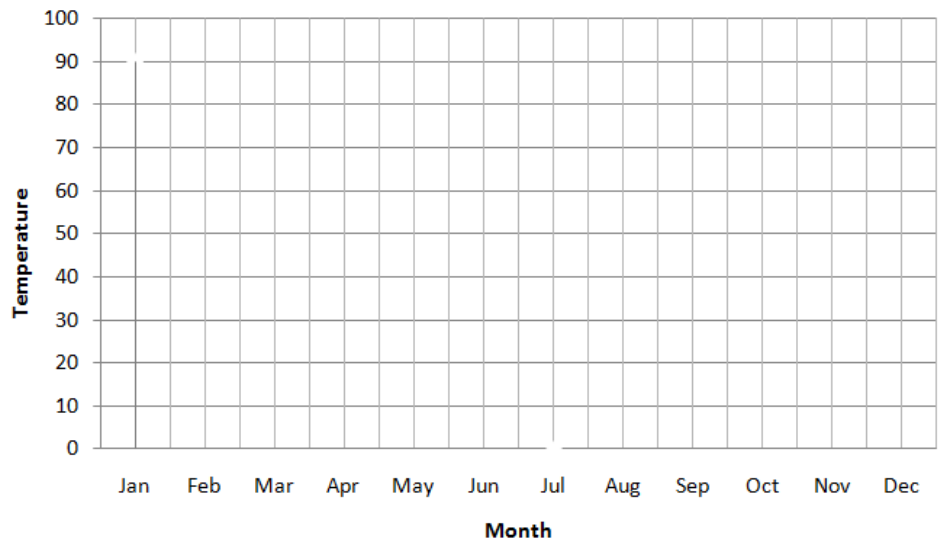


Name: _____ Date: _____ Pd: _____

17.3 TEMPERATURE CONTROLS ACTIVITY - plot data on the graph and connect the lines. Use two different colors. Identify which color is for what city.

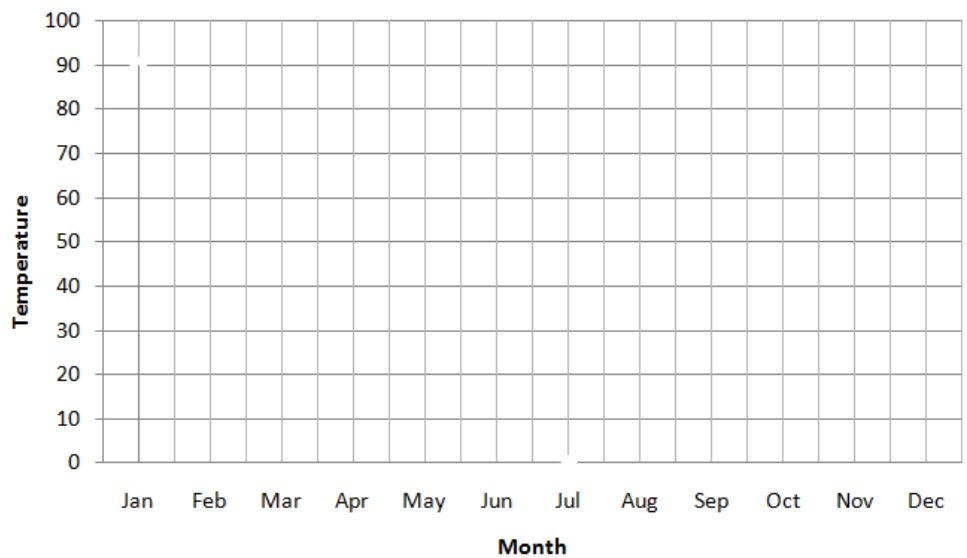
Land vs. Water, Equal Latitude

Month	Vancouver (water) Temp (°F)	Winnipeg (Land) Temp (°F)
Jan	38	0
Mar	42	16
May	55	50
Jun	59	62
Aug	59	62
Oct	48	40
Dec	39	10



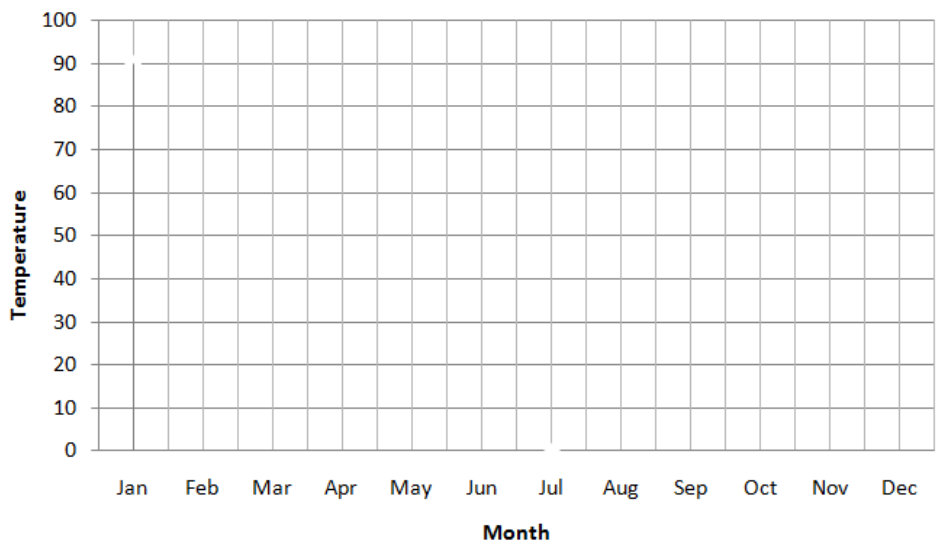
Leeward vs. Windward, Equal Latitudes

Month	New York (Leeward) Temp (°F)	Eureka, CA (Windward) Temp (°F)
Jan	30	48
Mar	32	48
May	60	55
Jun	68	56
Aug	73	58
Oct	59	54
Dec	35	48



Altitude, Equal Latitude

Month	Guayaquil (12 m) Temp (°F)	Quito (2800 m) Temp (°F)
Jan	81	56
Mar	82	56
May	77	59
Jun	76	57
Aug	75	58
Oct	76	57
Dec	80	60



Name: _____ Date: _____ Pd: _____

17.3 TEMPERATURE CONTROLS ACTIVITY - *plot data on the graph and connect the lines. Use two different colors. Identify which color is for what city.*

QUESTIONS

Land vs. Water, Equal Latitude - *Graph the data and answer the questions below.*

1. What is the lowest average temperature for Vancouver? _____
 2. When is Winnipeg's average temperature less than that of Vancouver? _____
 3. When is Winnipeg's average temperature more than that of Vancouver? _____
 4. Which city has the greatest range of temperature? _____
 5. Contrast the heating of water to land. _____
-

Leeward vs. Windward, Equal Latitude - *Graph the data and answer the questions below.*

6. Which city has the greatest range of temperature? _____
 7. What is the average temperature of Eureka, CA at its lowest? _____
 8. What is Eureka's highest average temperature? _____
 9. What is the range of temperatures (lowest and highest) of New York? _____
 10. Contrast a windward location to a leeward location. _____
-

Altitude, Equal Latitude - *Graph the data and answer the questions below.*

11. Which city's average temperature is always coldest? _____
12. Which city is at a lower elevation? _____
13. Does this graph contain steep curves? _____
14. Both cities are near the equator. What does this tell you about the cities' average temperatures for the entire year?

