

# Interpreting Data

7.12

Name \_\_\_\_\_ Date \_\_\_\_\_

You and your family wish to plan a winter and a summer vacation. You look forward to skiing, sledding, skating, and warming your feet by an indoor fire during your winter trip, and swimming, boating, biking, and roasting marshmallows by the campfire during your summer trip.

**Climate and Precipitation Data from Around the United States**

City	Average High/Low (in °F)		Average Precipitation (snow or rain, in inches)		Average Number of Snow or Rain Days	
	January	July	January	July	January	July
Anchorage, AK	21/8	65/52	0.79	1.71	8	12
Burlington, VT	25/8	81/60	1.82	3.65	14	12
Chicago, IL	29/13	84/63	1.53	3.66	11	10
Denver, CO	43/16	88/59	0.50	1.91	6	9
Houston, TX	61/40	93/72	3.29	3.29	11	10
Washington, D.C.	42/27	89/71	2.70	3.80	10	10

**Directions:** Use the data from the chart above to answer the following questions.

1. In which city would you have the least probability of being rained out in July?  
\_\_\_\_\_
2. What can you say about the rainfall in July in Houston compared to that in Denver? \_\_\_\_\_  
\_\_\_\_\_
3. Describe how you might pack differently if you plan to camp in Anchorage in July compared to camping in Washington, D.C., in July. \_\_\_\_\_  
\_\_\_\_\_
4. Which city do you think would make the best location for your family's summer vacation? Why? \_\_\_\_\_
5. In which city would you have the least probability of being snowed (or rained) out in January? \_\_\_\_\_
6. Based on the daily average temperature, which city has the least probability of snow in January? \_\_\_\_\_
7. How does the January snowfall/rainfall in Burlington compare to that in Chicago?  
\_\_\_\_\_
8. Which city do you think would make the best location for your family's winter vacation? Why? \_\_\_\_\_  
\_\_\_\_\_