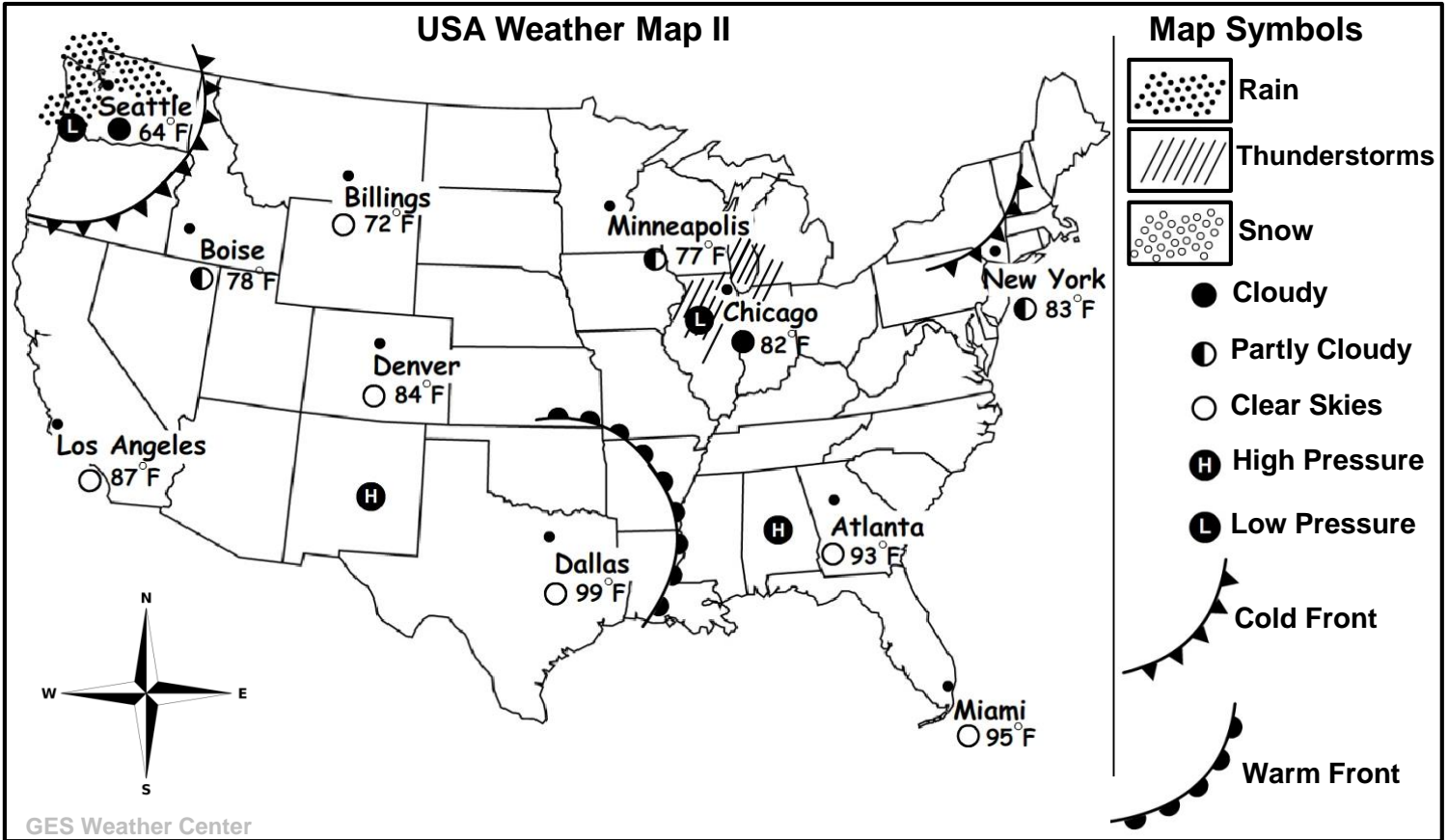


Weather Maps II: Weather Conditions Name _____

Read the information below. Then use the weather map and symbols to complete the "Which City" at the bottom of the page.

Weather Maps are a tool used by meteorologists to forecast the weather. Using symbols, colors, and numbers, weather maps show important information that a meteorologist can use to make a weather prediction. A current weather map can show current temperatures, cloud cover, rain or snow showers, High and Low pressures and weather fronts. Different symbols are used on weather maps to make the information easier to understand and interpret.



Complete the "Which City" questions below:

**Atlanta – Billings – Boise – Chicago – Dallas – Denver – Los Angeles –
Miami – Minneapolis – New York – Seattle**

- 1 - Which city is having *Thunderstorms*? _____
- 2 - Which city is currently having *Rain*? _____
- 3 - Which city has the highest temperature on the map? _____
- 4 - Which city has the lowest temperature on the map? _____
- 5 - Which cities have Partly Cloudy skies?

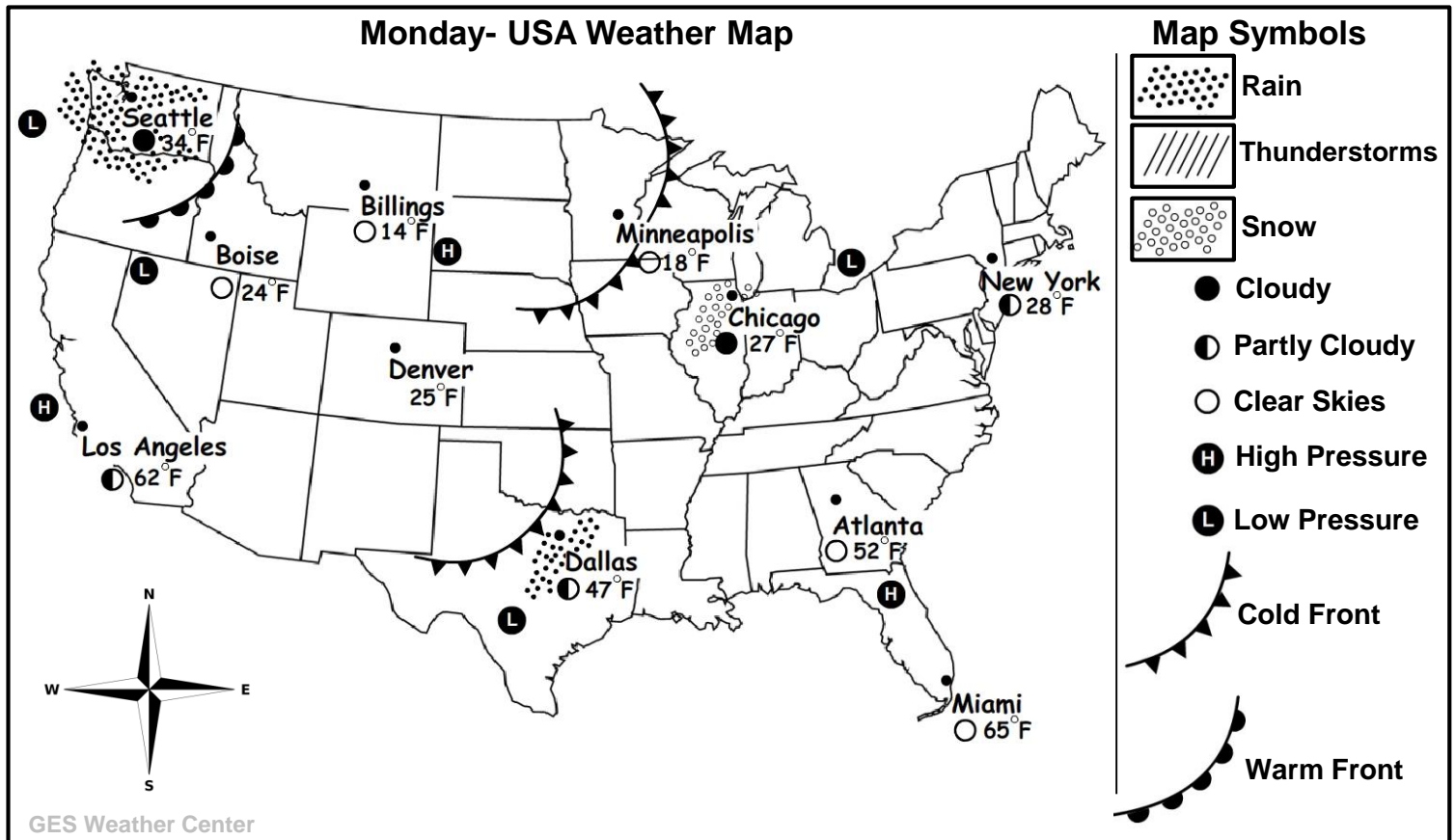
- 6 - Which two cities are closest to Low Pressure? _____
- 7 - Which city is very close to a Cold Front? _____
- 8 - Which city has a temperature of 87° ? _____

Weather Maps II: Forecast Practice

Name _____

Read the information below. Then use the weather map and symbols to complete the weather forecast questions below.

In the United States, the weather generally moves across the country from west to east. Meteorologists can use this pattern to help predict the weather, as fronts, storms or pressure systems move across the country. Meteorologists can accurately predict the weather between 24 and 48 hours in advance. Accurately predicting the weather helps communities be better prepared for any weather condition.



Weather Forecast questions:

Circle the best weather Forecast for **Tuesday** for each city based on the map above.

| City | Forecast 1 | Forecast 2 | Forecast 3 |
|-----------------|---------------------|---------------------|---------------------|
| 1 – New York | Sunny Skies | Thunderstorms | Cloudy |
| 2 – Chicago | Cooler Temperatures | Thunderstorms | Warmer / Rain |
| 3 – Boise | Cooler Temperatures | Warmer / Rain | Clear Skies |
| 4 – Minneapolis | Clear Skies / Cold | Snow | Sunny Skies |
| 5 – Dallas | Cloudy | Cooler Temperatures | Warmer Temperatures |
| 6 – Billings | Sunny Skies | Warmer / Rain | Cold / Snow |
| 7 – Los Angeles | Rain | Thunderstorms | Sunny Skies |
| 8 – Seattle | Sunny Skies | Rain | Cooler Temperatures |