

# High and Low Pressure:

Name \_\_\_\_\_

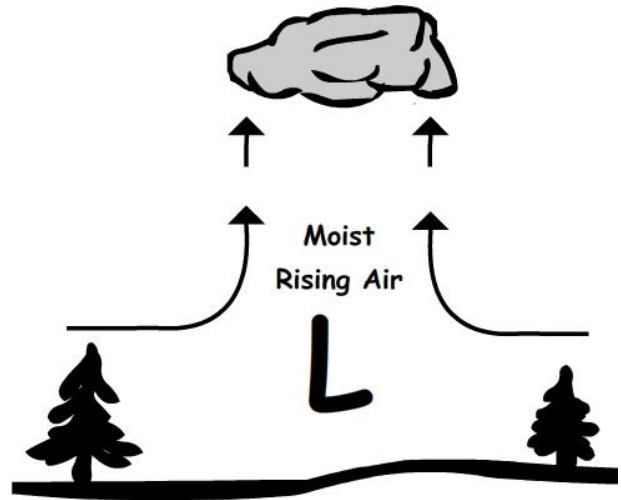
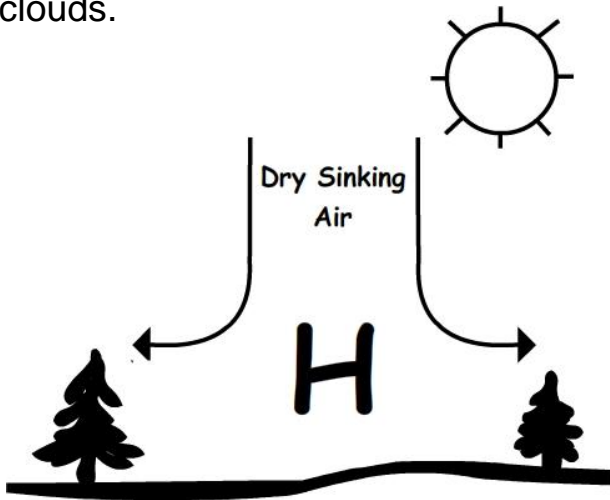
## Introduction

Instructions: Read through the information below.

Then complete the High / Low statements at bottom of page.

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Weather can vary day to day and place to place. One of the many factors of our daily weather is *Air Pressure*. **Highs** and **Lows** are areas where the air pressure is higher or lower than surrounding areas. Weather maps show these areas using a large “H” to represent High pressure and a large “L” to represent Low pressure. As these Highs and Lows travel across the country, they bring changes in weather. Generally High pressure areas bring fair weather with clear skies, while Low pressure brings stormy weather and clouds.



Each type of pressure has its own characteristics. High pressure systems rotate clockwise and contain sinking dry air. Low pressure systems rotate counterclockwise and contain moist rising air.

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Circle the correct choice for each statement as High or Low :

- |  |             |
|--|-------------|
| 1- This type of air pressure is sinking.               | High or Low |
| 2- This type of air pressure causes rain and clouds.   | High or Low |
| 3- This type of air pressure is rising.                | High or Low |
| 4- This type of air pressure rotates clockwise.        | High or Low |
| 5- This type of air pressure means sunny skies.        | High or Low |
| 6- This type of air pressure rotates counterclockwise. | High or Low |
| 7- This type of air pressure is represented by an “H”. | High or Low |
| 8- This type of air pressure contains dry air.         | High or Low |

# High and Low Pressure:

Name \_\_\_\_\_

## Weather Map

Instructions: Look at the USA weather map below.

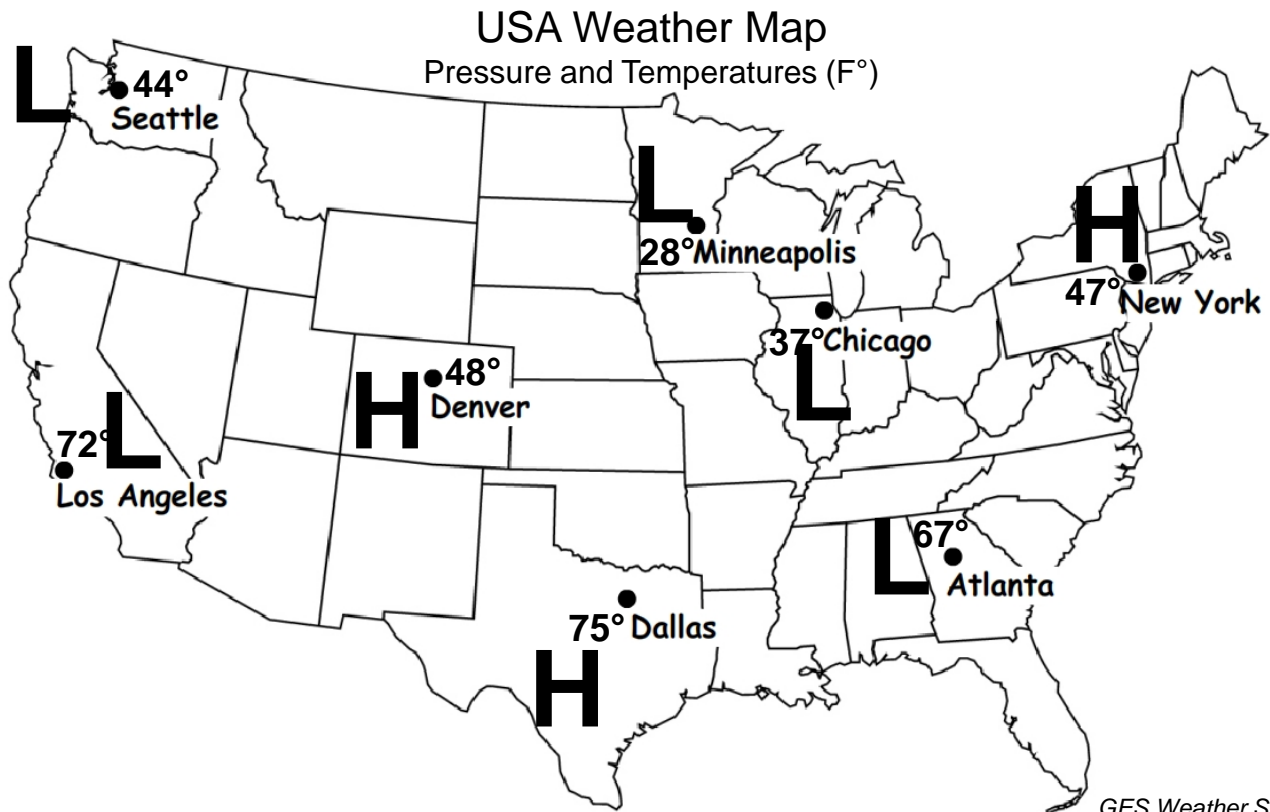
Then complete the weather forecast for the chosen cities.

High pressure, "H" usually means clear skies and nice sunny weather.

Dry Sinking Air

Low pressure, "L" usually means cloudy skies, rain, and snow if temperatures are cold enough.

Moist Rising Air



USA City Forecast – Select the best weather forecast for each city by circling your choice.

City	Forecast 1	Forecast 2	Forecast 3
Dallas	Sunny Skies	Rain Showers	Snow Flurries
Seattle	Sunny Skies	Rain Showers	Snow Flurries
Minneapolis	Sunny Skies	Rain Showers	Snow Flurries
Atlanta	Sunny Skies	Rain Showers	Snow Flurries
Denver	Sunny Skies	Rain Showers	Snow Flurries
New York	Sunny Skies	Rain Showers	Snow Flurries
Chicago	Sunny Skies	Rain Showers	Snow Flurries
Los Angeles	Sunny Skies	Rain Showers	Snow Flurries

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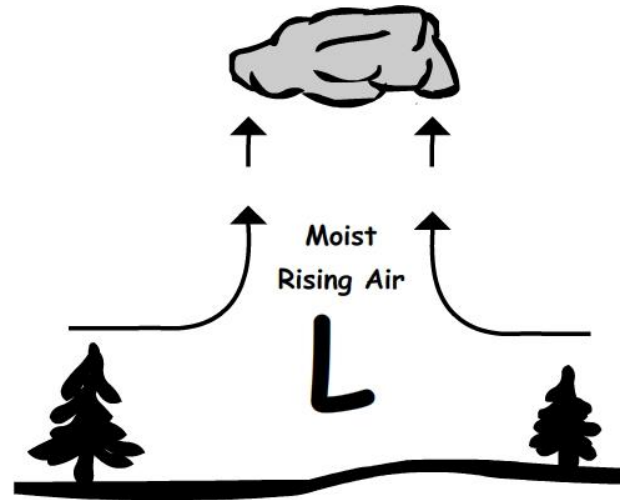
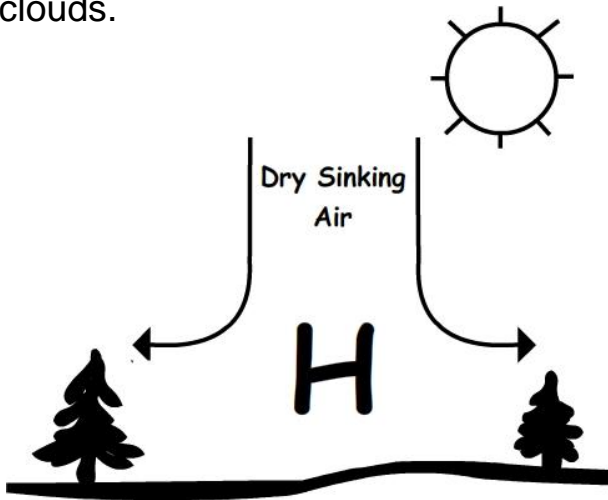
Name MASTER KEY

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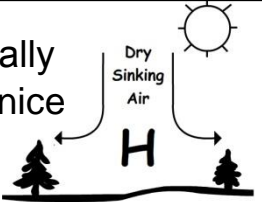
Name MASTER KEY

## Weather Map

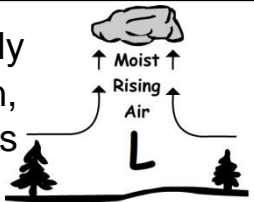
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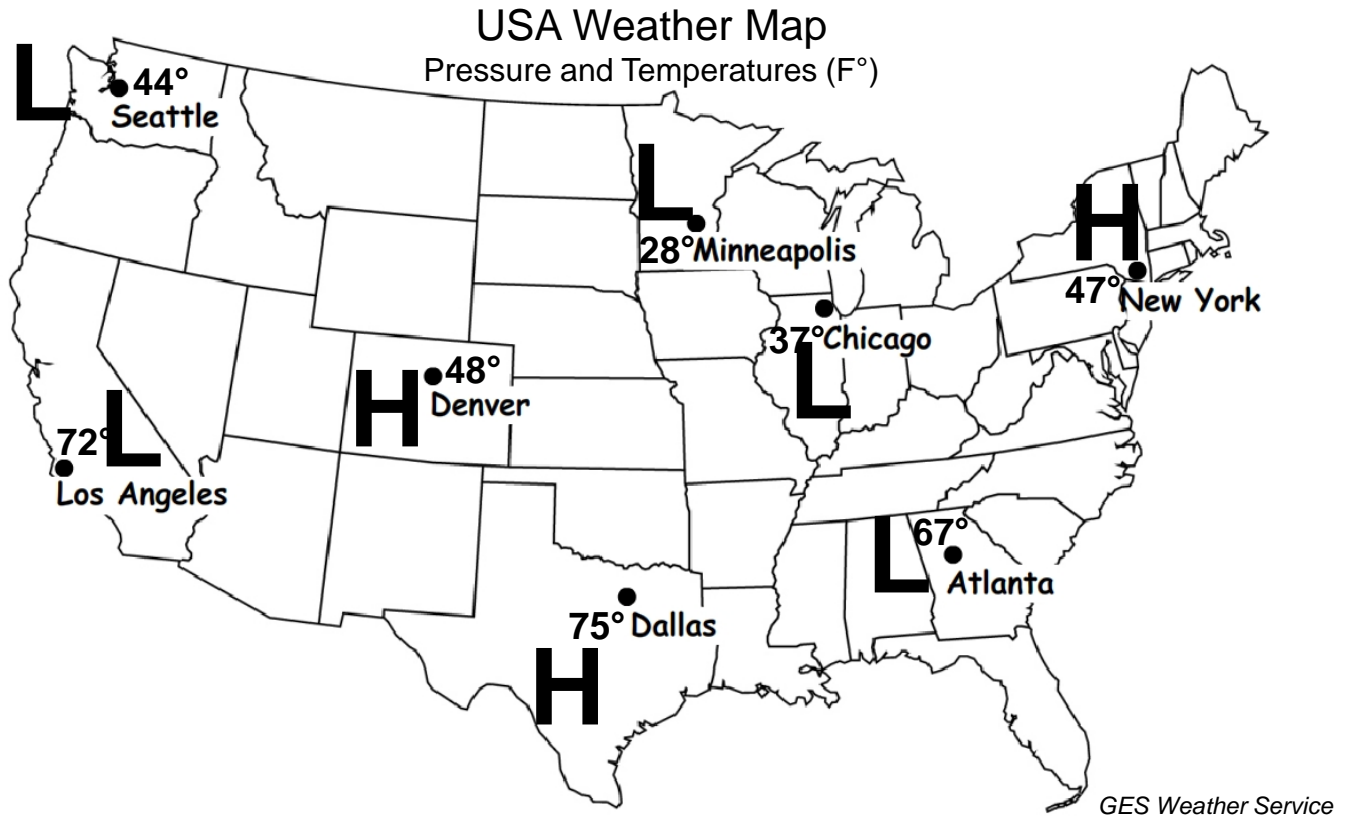
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