

NAME:

DATE:

CLASS Pd:

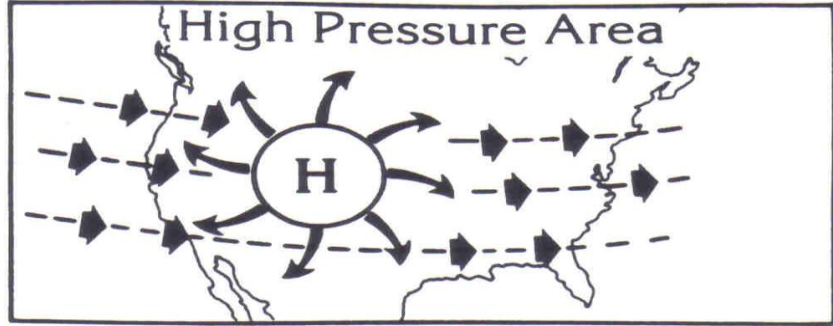
High and Low Pressure Areas

Highs and Lows are due to unequal heating of air masses.

Winds blow outward, clockwise.

Air pressure is highest at center.

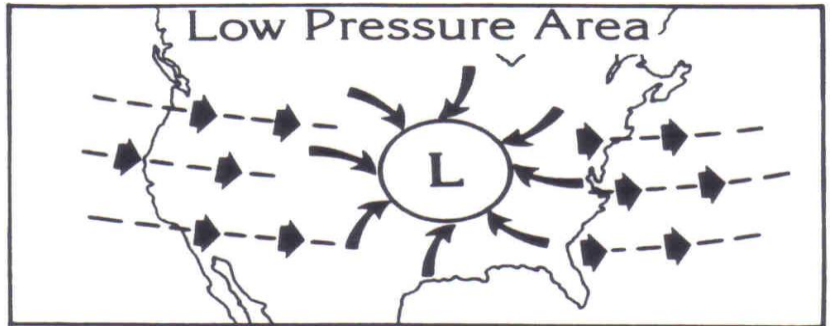
It usually brings clear skies and fair, cool weather.



Winds blow inward toward center, counterclockwise.

Air pressure is lowest at center

It usually brings cloudy skies, precipitation, and warm weather.



1. Circle *HIGH* if the condition is caused by a high pressure area; Circle *LOW* if it is caused by a low pressure area.
 - a. HIGH LOW bright blue skies
 - b. HIGH LOW five-inch snowfall
 - c. HIGH LOW highest air pressure at the center
 - d. HIGH LOW hot, damp weather
 - e. HIGH LOW crisp, cold temperature
 - f. HIGH LOW rainstorm in Florida
 - g. HIGH LOW bright sunlight and cloudless skies in Oregon
2. In what direction do high and low pressure areas travel in the United States? They travel from () to ().
3. What is the cause of high and low pressure areas?
4. Circle the correct answer. Do cold air masses have **HIGHER** or **LOWER** air pressure than warm air masses?
5. Explain why you circle your answer in the previous question.