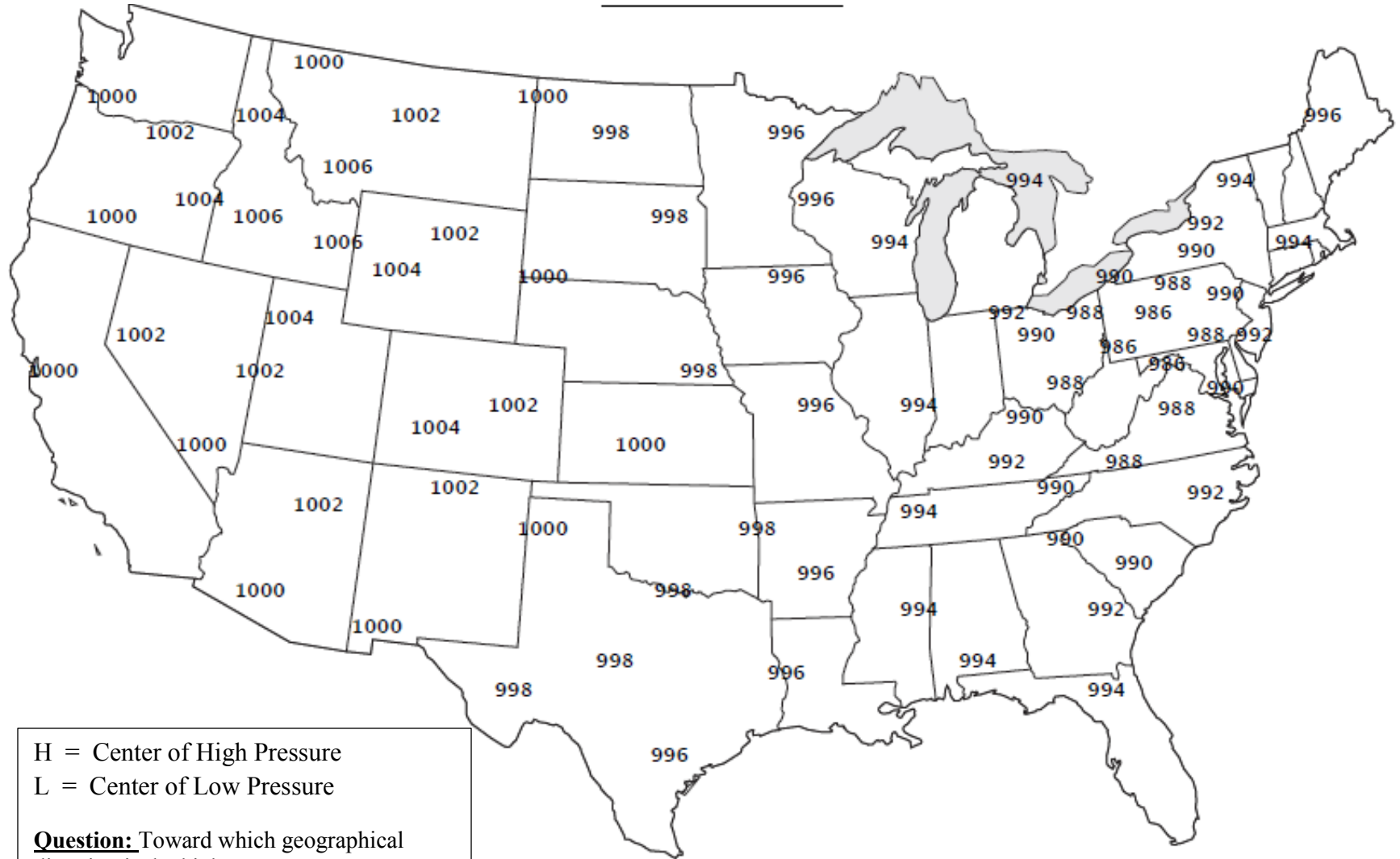


****Attach In Notebook. Part of Next Notebook Check****

Name _____ Date _____

Isobars and Wind



H = Center of High Pressure
L = Center of Low Pressure

Question: Toward which geographical direction is the high pressure center most likely traveling? *Hint: Think of the global wind patterns in the United States.*

CONTOUR INTERVAL: _____
MAP SCALE: 1 cm = 112 miles

Directions:

1. Draw in the following isobars using a smooth curved line connecting like numbers on the map (backside of paper).
Please use a pencil!!
 - 988, 992, 996, 1000, 1004 mb
 - Note: “mb” is a unit for pressure known as the milibar. There are several different units of pressure in science and mathematics just as there are many different units to measure length.
2. Fill in the contour interval on the map in the space provided.
3. Locate the area of highest pressure on the map. Using a blue colored pencil, write in the letter H to represent the center of high pressure.
4. Locate the area of lowest pressure on the map. Using a red colored pencil, write in the letter L to represent the center of low pressure.
5. The closer the isobar lines are together, the stronger the wind. Using a color pencil of your choice, shade in the area of highest wind speed.
6. Answer the question in the box.