## **Enrich**

## **Predicting the Weather**

The map below shows wind direction and air pressure for several different weather stations. Connect the areas of equal pressure on the map to form isobars. Label each isobar with the correct air pressure. You should have an isobar for each of the following pressures: 996, 1000, 1004, 1008, 1012, and 1016 millibars. Interpolate between numbers where necessary. Work from the lowest to the highest pressure. Also label the low-pressure center "L" and the high-pressure center "H." Then answer the following questions on a separate sheet of paper. If you need to review isobars, see your textbook.

## Wind and Air Pressure

- **1.** Describe the direction of wind movement around the center of high air pressure.
- **2.** Describe the direction of wind movement around the center of low air pressure.
- **3.** Describe the direction that winds appear to blow between centers of high and low pressure.

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