Lesson
In your study of history you will learn about improvements that the compass brought to navigation during the period of exploration. You will learn that the needle of the compass always aligns north and south. But, is this always true? You can use your globe to find out.

On your globe circle the small "+" symbol that you will find near 78°N/105°W. What does this symbol represent?
(1.) ___________________________________________________________________

The magnetic north pole is the location at which the head of the compass needle actually points. Approximately how far is the magnetic north pole from the geographic, or true, north pole?
(2.) ___________________________________________________________________

If you had a magnetic compass in an airplane at 85°N/105°W, in what direction would the head of the needle point? (3.) _________________________
If you were in Nome, Alaska at 65°N/165°W, what direction would the head of your compass needle point? (4.) _______________________________

In which of the following cities would a magnetic compass needle most accurately point to the geographic north pole?
   a. Atlanta, Georgia at 34°N/84°W
   b. Los Angeles, California at 34°N/118°W.