Answers to this assignment are due back on Wednesday, January 27, 2016. Please feel free to work together on the assignment in groups of not more than three.

1. Measuring distance
   a. How far is Boston from Chicago?

2. Using Scale
   a. A map has a scale of 1:63360. If you move 3.6 inches across this map, how many miles (and feet) does that represent?
   b. How many miles are there between 41°N and 42°N? [By the way, what is the latitude and longitude of Boston?]

3. Time difference
   a. If it is 6 p.m. in Boston, what time is it in Chicago?

4. Developing maps
   Use worldmapper to create a cartogram of the worldwide distribution of any variable that you find interesting (e.g. incomes, births, deaths from malaria, etc.). Write a short comment on the pattern you find, noting any aspects that you find surprising. The web site may be found at http://www.worldmapper.org/textindex/text_index.html

5. MasteringGeography
   Log into MasteringGeography, and do Assignment 1: Supplement. This includes some interesting exercises in mapping. The following are likely to be helpful:
   Web site: http://www.pearsonmylabandmastering.com/northamerica/masteringgeography/
   Course ID: HAUGHTONGEOGRAPHYspring2016
   Introductory video: http://www.youtube.com/watch?v=c9PWBDRqfH4&feature=youtu.be
   If you have any difficulty getting started, or working with the system, do let me know.