**Atlas Activity: Latitude & Longitude**

**Objectives:** As a result of completing this activity, you should be able to:

1. Define latitude and longitude.
2. Locate specific lines of latitude and longitude on maps.
3. Locate cities on a map based upon their latitude and longitude.

**Part A:** Locate the heading “Determining Directions” on page 6 of the atlas. Based on the information in that section, circle or underline the best phase that completes the sentences below.

**Latitude**

1. Lines of latitude are also called *meridians/parallels*.
2. On maps and globes, lines of latitude are drawn *east and west/north and south*.
3. Lines of latitude are numbered in degrees *east and west of the prime meridian/north and south of the equator*.

**Longitude**

1. Lines of longitude are also called *meridians/parallels*.
2. On maps and globes, lines of longitude are drawn *east and west/north and south*.
3. Lines of longitude are numbered in degrees *east and west of the prime meridian/north and south of the equator*.

**Part B: Locating Lines of Latitude & Longitude**

1. On the World Political map, pages 52 and 53, locate the 60°W line of longitude. 60°W passes through which three continents?

Antarctica Africa Asia Australia North America South America Europe

1. On the World Climate map, pages 56 and 57, locate the 30°S line of latitude. 30°S passes through which three continents?

Antarctica Africa Asia Australia North America South America Europe

1. On the North America Political map, page 70, locate the city that is at 30°N, 90°W. What is this city?
2. On the United States Political map, pages 74 and 75, locate the city that is at 30°N, 90°W. What is this city?
3. On the Western Gulf of Mexico Region map, page 95, locate the city that is at 30°N, 90°W. What is this city?
4. Choose the correct ending for this sentence:

Based upon my answers to questions #3-5, I can say that a place’s latitude/longitude location:

* 1. may change depending on which type of map I am looking at.
  2. is the same on all maps.

**Part D:**

1. Describe the differences in detail near Atlanta while looking at the maps on p. 70 and p.92-93.

**Part E: Applying Map Skills**

1. Locate Jerusalem, 32°N, 35°E, and Baghdad, 33°N, 44°E, on the Asia Political map, pages 136 and 137.
2. What country is Baghdad located in?   
   What country is Jerusalem located in?
3. Israel also appears on the inset map on page 137. Which map, the inset map or the Asia Political map, shows Israel in great detail?