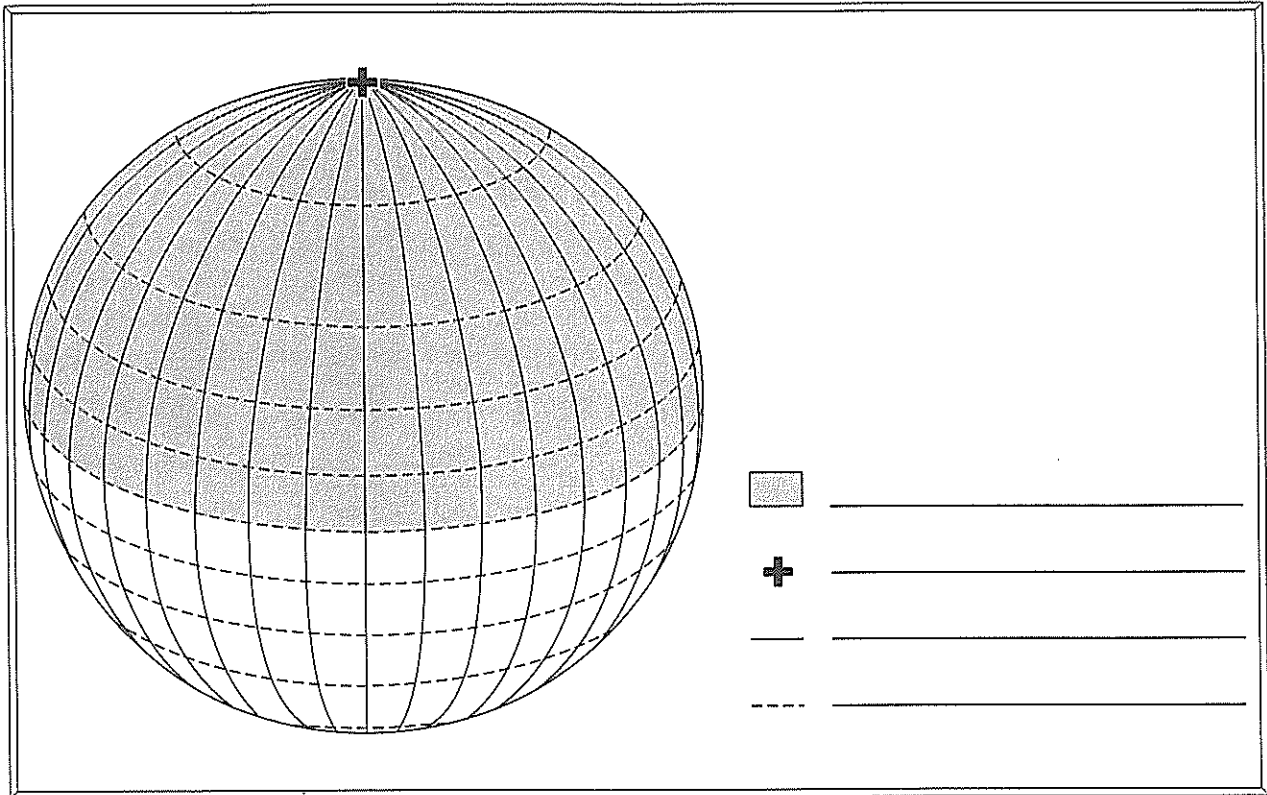# Geography Skills Activity 1

Globes and Map Projections

Use with Chapter 1.

A. Identify the symbols on the picture of the globe below to complete the key.

B. All flat maps are distorted in some way depending upon the type of map projection that is used. Match the types of projection with the description of its distortion. Write the letter of the projection in the blank at the left of the description.

_____ 1. shows true size and shape of landmasses

_____ 2. does not show lines of true distance

_____ 3. areas near the poles appear larger; true directions are shown

_____ 4. distances and directions are fairly accurate

_____ 5. shows all great circles as straight lines

_____ 6. sizes and shapes of areas near the eastern and western edges are accurate; shapes of areas near the poles appear somewhat flat

A. Mercator projection
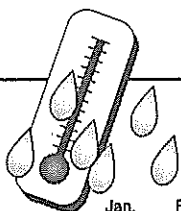B. azimuthal projection
C. Robinson projection
D. Goode's Interrupted Equal Area projection
E. conic projection
F. sinusoidal projection
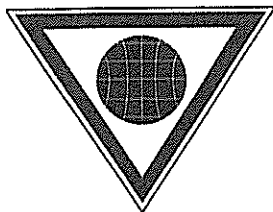
Geography Skills Activity 2

Temperature and Rainfall Tables
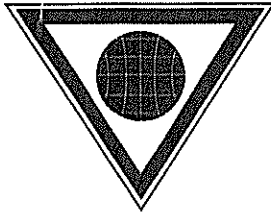
Use with Chapter 1.

COMPARISON OF AVERAGE TEMPERATURE AND RAINFALL IN EASTERN ASIA AND EASTERN NORTH AMERICA

Shanghai (Lat. 31°11' N)

	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
Temperature (in Fahrenheit)	37.8°	39.4°	46.0°	56.1°	65.5°	73.4°	80.4°	80.2°	73.0°	63.5°	52.0°	42.1°	59.1°
Rainfall (in inches)	2.0	2.3	3.5	3.7	3.5	7.2	6.0	5.7	4.4	3.2	2.1	1.4	45.0

Charleston, S.C. (Lat. 32°47' N)

	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
Temperature (in Fahrenheit)	49.8°	51.2°	57.5°	63.9°	72.1°	78.1°	80.6°	76.2°	67.0°	63.5°	57.8°	51.0°	65.4°
Rainfall (in inches)	3.1	3.3	3.4	2.9	3.4	4.8	7.1	6.6	5.0	3.6	2.4	2.9	48.5

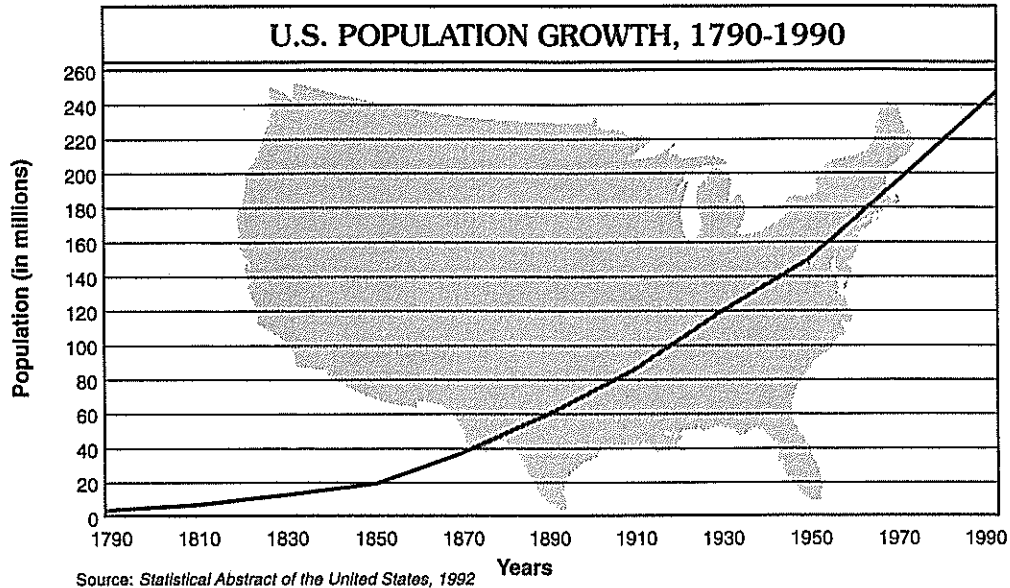**After studying the table above, answer the following questions.**

1. What is the average annual temperature in Shanghai? _____

2. What is the average annual temperature in Charleston? _____

3. What is the coldest month of the year in Shanghai? _____

4. What is the coldest month of the year in Charleston? _____

5. Are the temperatures in February lower in Shanghai or Charleston? _____

6. Which are the two warmest months of the year in Charleston? _____

   _____

7. Which are the two warmest months of the year in Shanghai? _____

   _____

8. How many inches of annual rainfall does Charleston receive? _____

9. How many inches of annual rainfall does Shanghai receive? _____

10. Which is the rainiest month in Shanghai? _____

11. Which is the rainiest month in Charleston? _____

12. Do both cities receive more or less rainfall in the winter than in the summer? _____

13. Are the climates of the two cities quite similar or quite different? _____

Geography Skills Activity 3

Reading Line Graphs

Use with Chapter 1.

U.S. POPULATION GROWTH, 1790-1990

Source: *Statistical Abstract of the United States, 1992*

Years

🌐 **After studying the line graph above, answer the following questions.**

1. Over what units of time is the population of the United States shown on the graph? _____
   _____

2. Has the number of people living in the United States always been the same? _____

3. What does the population line graph show? _____

4. Is the population of the United States increasing or decreasing? _____

5. At the time of the first official census in the United States in 1790, how many people lived
   within its national boundaries? _____

6. Has the same number of people been added to the population every 20 years? _____

7. Do more or fewer than 200 million people live in the United States today? _____

8. In what 10-year period did the United States population first exceed 20 million? _____

9. Has the population of the United States decreased at any time since 1790? _____

10. If the line on the population graph were parallel to the base line, what would that mean?
    _____