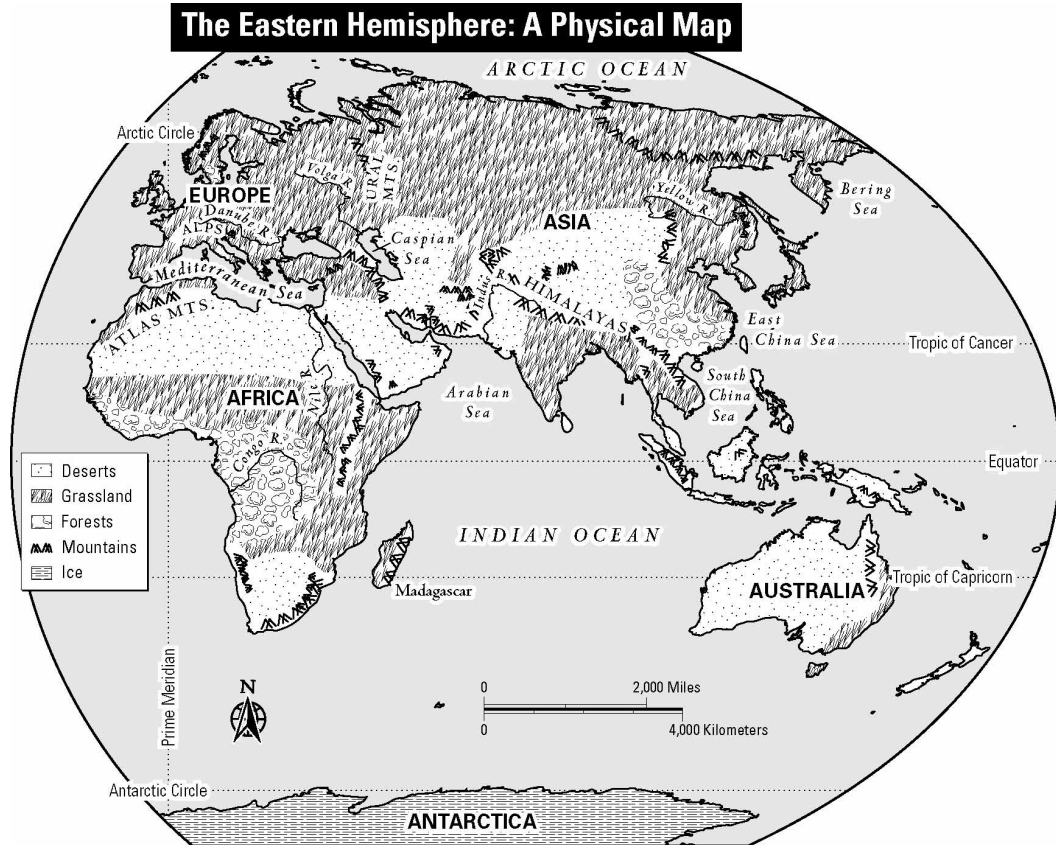


**OUTLINE  
MAP**

**GEOGRAPHY SKILLS 5** *Reading Physical Maps*

Physical maps show the earth's physical features, such as bodies of water and landforms. Among other natural features, these maps show where rivers, lakes, mountains, and types of vegeta-

tion such as grasslands and forests are located. Below is a physical map of the Eastern Hemisphere. Study it and answer the questions.



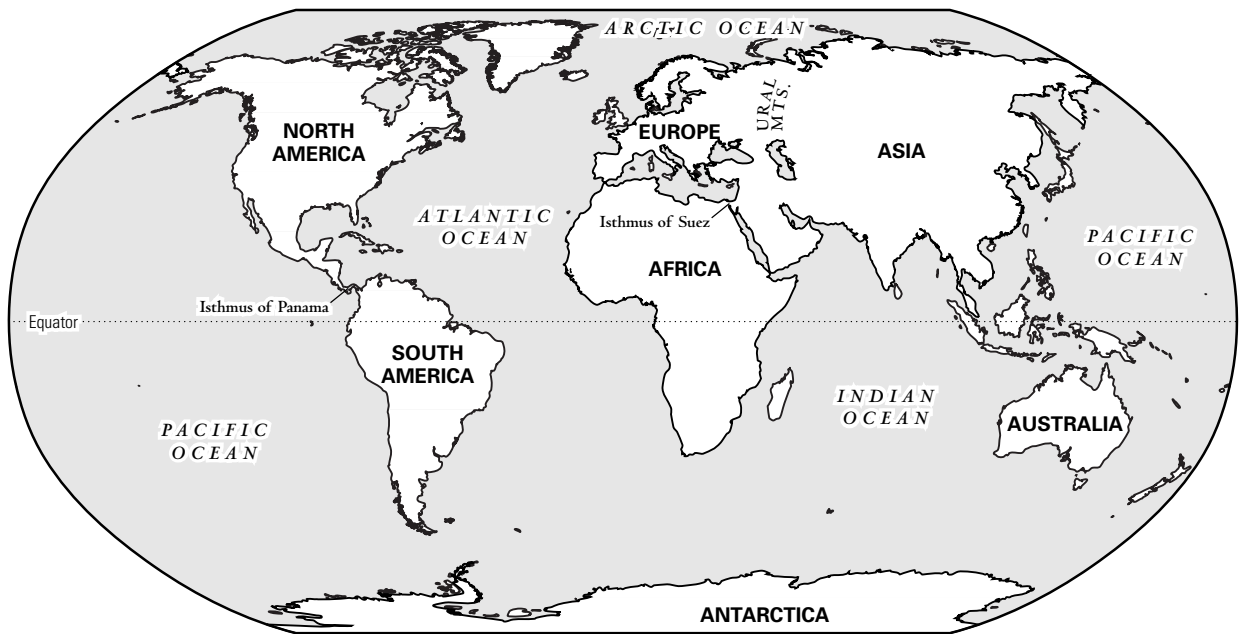
1. Which continent is almost totally desert? \_\_\_\_\_
2. Ice is the sole physical feature of what continent? \_\_\_\_\_
3. What is the only totally inland sea that is identified? \_\_\_\_\_
4. What is the prominent physical feature of Northern Asia? \_\_\_\_\_
5. What are the physical features of Africa below the equator? \_\_\_\_\_



**GEOGRAPHY SKILLS 3** *Recognizing Continents and Oceans*

Complete knowledge of the features of the earth's surface is only a few hundred years old. As recently as the 1300s, the Atlantic Ocean was a mysterious "Sea of Darkness" on a flat surface. The regions of the Arctic, Pacific, and Antarctic oceans were unknown. There were also great misconceptions about the world. For example, Europeans knew of the region of the Indian Ocean but thought it was a great salt lake surrounded by land. They assumed Asia could be reached from the west only by land.

Today the earth is completely mapped and classified. The largest units of Earth's land are called continents. Except for the division between Europe and Asia, they are generally well defined. Two continents are islands, and isthmuses—narrow necks of land—clearly separate others. The oceans are merely names given to the largest sections of the body of salt water that covers 71 percent of the globe. Study the map below.



1. What are the seven continents? \_\_\_\_\_  
\_\_\_\_\_
2. Which geographical formation separates the Americas? separates Asia from Africa? \_\_\_\_\_  
\_\_\_\_\_
3. What appears to divide Asia from Europe? \_\_\_\_\_
4. Where is most of the earth's land mass—north or south of the equator? \_\_\_\_\_
5. A trip from Australia to Africa would cross which ocean? \_\_\_\_\_

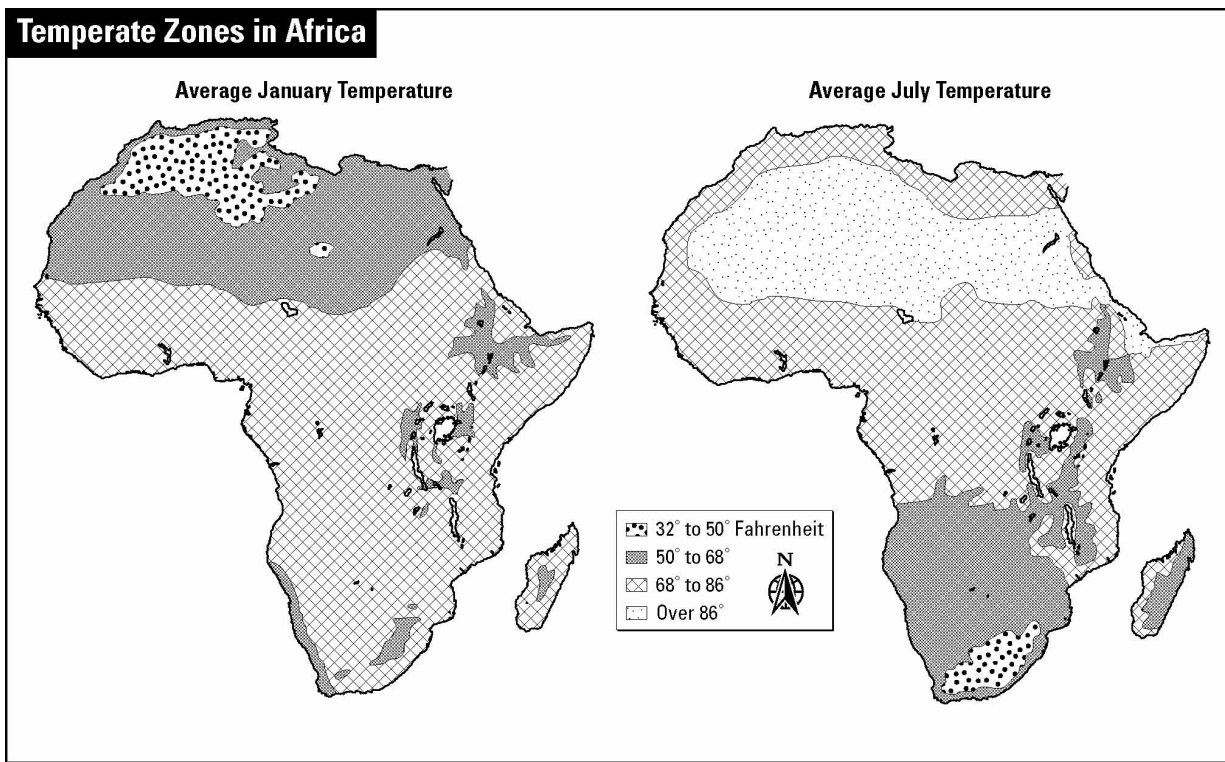


## GEOGRAPHY SKILLS 8 *Understanding Legends (Keys)*

The lines and symbols that appear on a map often need further explanation. For this reason, a legend, also known as a key, is often used. A legend is a small table within a map that explains what some symbols and lines mean.

A legend is also used to indicate the meaning of any patterned or colored areas on a map. For black-and-white maps, patterns such as diagonal

lines, large and small dot fields, and cross-hatching are commonly used to show separate regions within a particular boundary. For maps printed in color, the same distinctions are shown by use of different colors. The legend reproduces a sampling of the pattern or color and then identifies what it stands for. Study the map below and answer the questions.



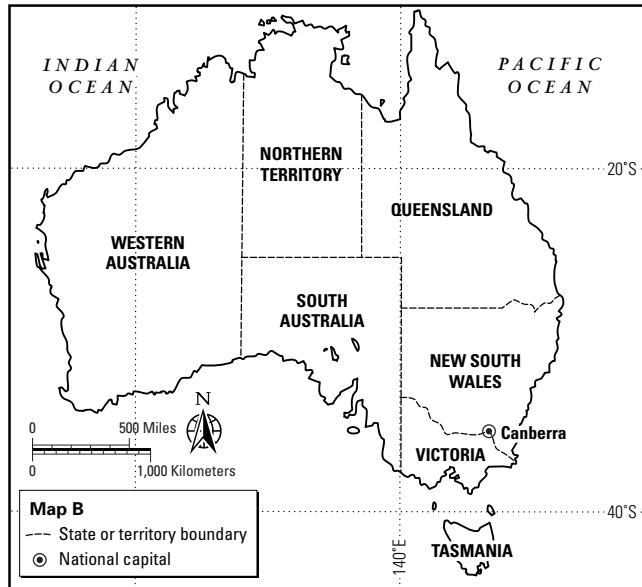
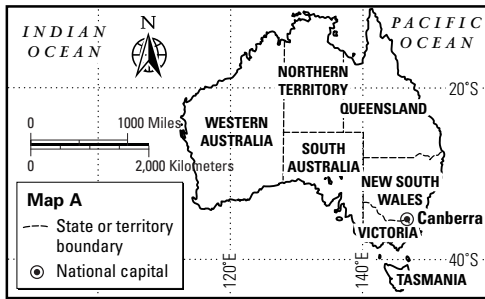
1. What do the different patterns on the maps represent? \_\_\_\_\_  
\_\_\_\_\_
2. What temperature range does not appear in Africa in January? \_\_\_\_\_
3. In which large region is the average July temperature more than 86 degrees? \_\_\_\_\_
4. In which region of Africa does the temperature stay virtually unchanged throughout the year?  
\_\_\_\_\_



## GEOGRAPHY SKILLS 6 *Using Scales and the Compass Rose*

The scale of a map helps you determine the actual size or length of any of its features or of any distance between two points. It is a ratio between a unit of length on a map and a unit of distance on the earth. Typically, a scale shows a length of line and indicates the number of miles or kilometers that length represents on the map. A map that covers 1,000 miles per inch has a scale of 1:1,000.

The compass rose is a pointed symbol that shows a map's direction on the globe. It is usually placed on an area of the map near one edge, away from map details that could make the device difficult to find. On maps showing both water and land, the compass rose is usually placed on the water. The compass rose may show all four cardinal directions—N, S, E, W—or just one, north. Study the maps below and answer the questions.



1. Is Tasmania north, south, east, or west of Australia? \_\_\_\_\_
2. About how many inches wide is Australia as it is shown in Map A? (Use a ruler to measure across the widest part of the continent.) \_\_\_\_\_
3. What is the approximate distance across Australia in miles? \_\_\_\_\_
4. How much larger is Australia in Map B than it is in Map A? \_\_\_\_\_