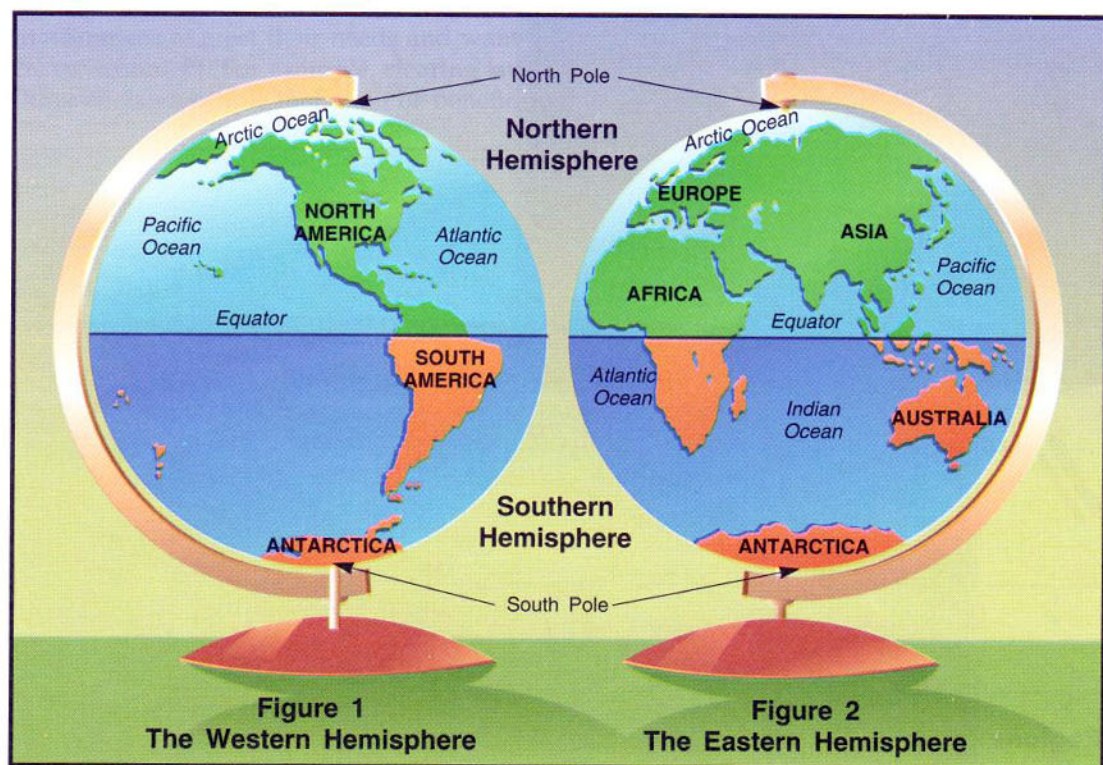


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Globes



A **globe** is a model of Earth, which is shaped somewhat like a sphere, or ball. Globes show **continents** and **oceans**, the large land and water masses on Earth. Find the seven continents and four oceans on Figures 1 and 2 above.

Some points and imaginary lines help us find places on Earth. The **North Pole** and the **South Pole** are the places farthest north and south on Earth. We use the poles to know the four main directions, north, south, east, and west.

Find the **Equator** on Figures 1 and 2. This imaginary circle around the middle of Earth divides Earth into two hemispheres. **Hemisphere** means half a sphere or globe. The hemisphere north of the Equator is called the **Northern Hemisphere**. The hemisphere south of the Equator is called the **Southern Hemisphere**.

The globe can also be divided into the **Eastern Hemisphere** and the **Western Hemisphere**. Figure 1 shows the Western Hemisphere. Figure 2 shows the Eastern Hemisphere.

- ▶ If you stand on the North Pole, what is the only direction you can go?
If you stand on the South Pole, what is the only direction you can go?
- ▶ Name the seven continents and the four oceans.
Which continents and oceans are in the Eastern Hemisphere?
Which are in the Western Hemisphere?

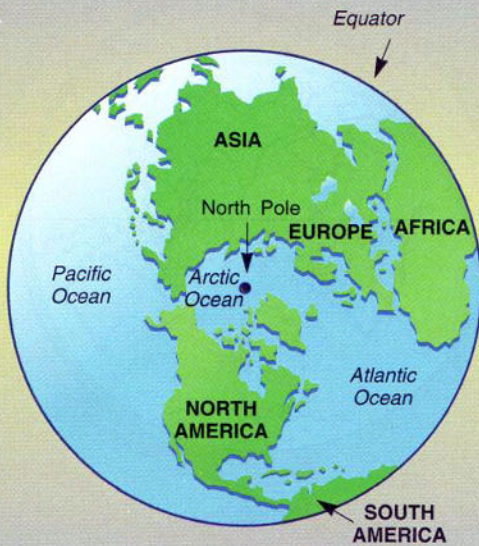


Figure 1
The Northern Hemisphere

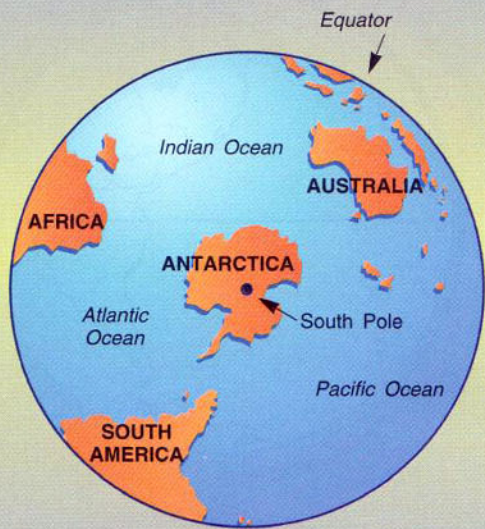


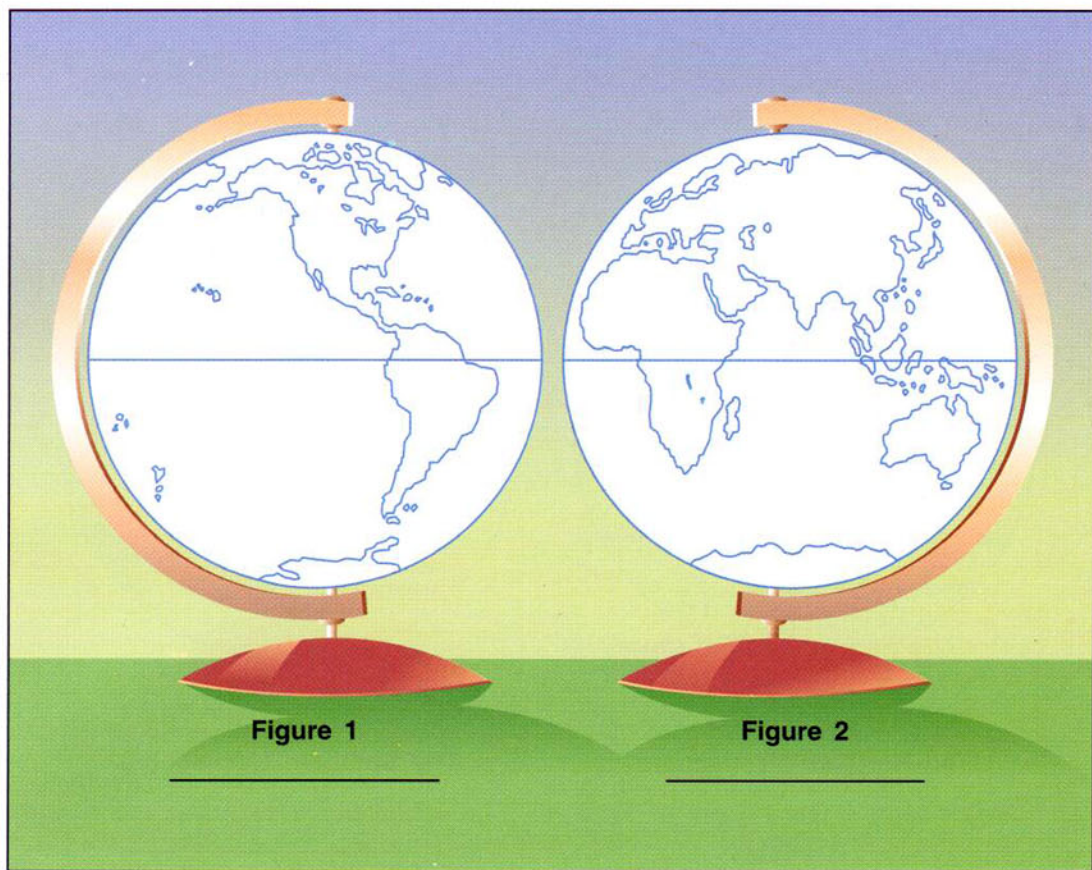
Figure 2
The Southern Hemisphere

Figures 1 and 2 show a different way of looking at the Northern and Southern Hemispheres. Figure 1 shows the Northern Hemisphere with the North Pole in the center. What continents do you recognize? Look back at the hemispheres on page 8 to help you identify the continents.

Figure 2 shows the Southern Hemisphere with the South Pole in the center. The South Pole is on which continent? What other continents do you see?

- ▶ Can you find the Equator on both Figure 1 and Figure 2?
- ▶ Which oceans are in the Southern Hemisphere? Which are in the Northern? Which continents are entirely in the Southern Hemisphere? Which continents are entirely in the Northern Hemisphere? Which have parts in both the Northern and Southern Hemispheres?
- ▶ Most of the land is in which hemisphere? Most of the water is in which hemisphere?

Mastering the Eastern and Western Hemispheres



1. Label the Eastern and Western Hemispheres on the lines under Figures 1 and 2. Look back at page 8 if you need help.
2. Label the North Pole, South Pole, and Equator on each globe.
3. Label the continents and oceans on Figures 1 and 2. Again, look back at page 8 if you need help.
4. Which two continents are entirely in the Western Hemisphere?

5. Which four continents are entirely or mostly in the Eastern Hemisphere? _____

6. Which continent is almost evenly divided between the Eastern and Western Hemispheres? _____
7. Which ocean is entirely in the Eastern Hemisphere? _____

Mastering the Northern and Southern Hemispheres



Figure 1



Figure 2

1. Label the North Pole, the South Pole, and the Equator on each globe. Look back at page 9 if you need help.
2. Label the Northern and Southern Hemispheres on the lines under Figures 1 and 2.
3. Label the continents and oceans on each hemisphere.
4. From the South Pole, the only direction you can go is _____.
5. From the North Pole, the only direction you can go is _____.
6. Which two continents are only in the Southern Hemisphere?

7. Which three continents are only in the Northern Hemisphere?

8. Draw an arrow pointing from South America to Africa on Figure 2.
Which direction is that arrow pointing? _____

Mastering the Four Hemispheres

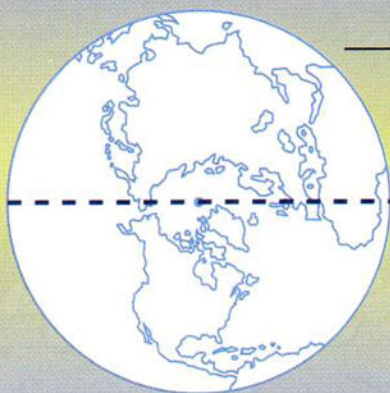


Figure 1
The Northern Hemisphere

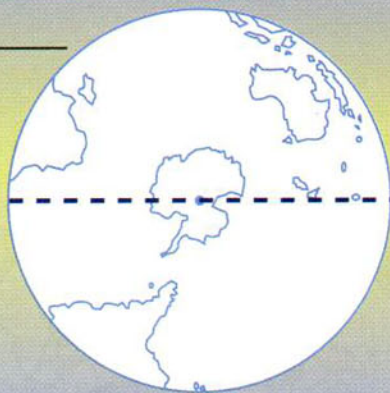


Figure 2
The Southern Hemisphere

1. Figures 1 and 2 show the Northern and Southern Hemispheres. But the Eastern and Western Hemispheres are also part of these globes. Connect the dotted line on each globe to show the Eastern and Western Hemispheres. Color the western halves yellow. Color the eastern halves orange.
2. Label the Western Hemisphere and Eastern Hemisphere on the lines where they belong.
3. What point is at the center of the Northern Hemisphere? _____
4. What point is at the center of the Southern Hemisphere? _____
5. Find each place listed below in at least two of the hemispheres shown above. Some continents and oceans are in three or four hemispheres. Name the hemispheres in which you find each place.
 - a. North America: _____
 - b. Pacific Ocean: _____
 - c. Arctic Ocean: _____
 - d. Europe: _____
 - e. Atlantic Ocean: _____
 - f. Australia: _____
 - g. Indian Ocean: _____
 - h. Africa: _____
 - i. Asia: _____