

CHAPTER**2****Guided Reading Strategies 2.2****Earth in Space**

READING THE SECTION As you read the section, examine each of the pairs of statements below. Circle the letter of the statement in each pair that is true.

1. **a.** The polar regions receive the most solar energy throughout the year.
b. The tropics receive the most solar energy throughout the year.
2. **a.** When the North Pole points toward the Sun, direct rays strike the Southern Hemisphere.
b. When the North Pole points toward the Sun, direct rays strike the Northern Hemisphere.
3. **a.** There are four general seasons: winter, spring, summer, and fall.
b. There are five general seasons: winter, spring, summer, fall, and autumn.
4. **a.** The tilt of Earth's axis causes the Northern and Southern Hemispheres to have the same seasons at the same time of the year.
b. The tilt of Earth's axis causes the Northern and Southern Hemispheres to have opposite seasons at the same time of the year.
5. **a.** Solstices occur each year about December 21 and June 21.
b. Solstices occur each year about March 21 and September 22.
6. **a.** The Tropic of Capricorn is the parallel located 23 1/2 degrees south of the equator.
b. The Tropic of Capricorn is the parallel located 23 1/2 degrees north of the equator.
7. **a.** All areas located south of the Antarctic Circle have 24 hours of darkness.
b. All areas located south of the Antarctic Circle have 24 hours of daylight.
8. **a.** The Arctic Circle is located 66 1/2 degrees north of the equator.
b. The Arctic Circle is located 66 1/2 degrees south of the equator.
9. **a.** During a solstice, both hemispheres receive 12 hours of daylight.
b. During an equinox, both hemispheres receive 12 hours of daylight.

POST-READING QUICK CHECK After you have finished reading the section, in the space provided, describe the location and general weather pattern of each latitude shown below.

1. Low-Latitude Areas—Location: _____

Weather: _____

2. High-Latitude Areas—Location: _____

Weather: _____

3. Middle-Latitude Areas—Location: _____

Weather: _____