

SECTION
1 Enrichment

Determining Hours of Daylight

Directions: The illustrations show the length of day at every 10° of latitude for the winter and summer solstices. On each figure, begin at the equator, which has daylight hours of 12 hours and 0 minutes, and label every 10 degrees north and south of the equator to the 60° latitude north and south. Mark the final north and south latitude shown 66.5°. From this latitude to the poles, the daylight hours remain the same. Use the figures to help you answer the questions.

Figure 1

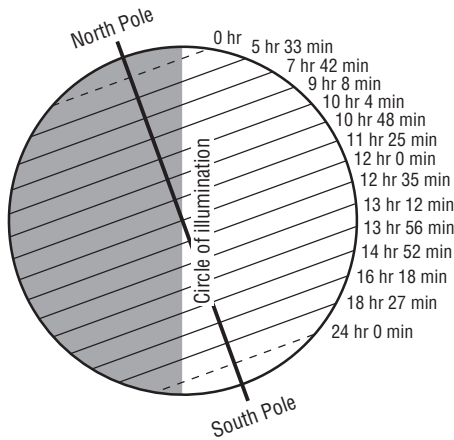
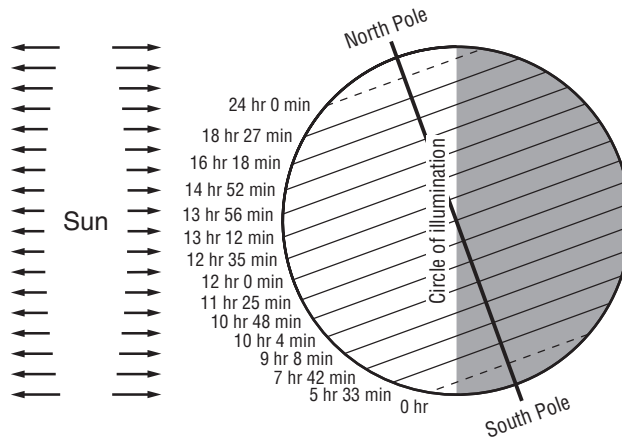


Figure 2



Meeting Individual Needs

1. Which figure shows the summer solstice for the northern hemisphere? How do you know?

2. If you lived at 50° north latitude, how many hours of daylight would you have during the summer solstice? During the winter solstice?

3. If you lived at the north pole, how many daylight hours would you have at the summer solstice?

4. Look at a map and find the latitude where you live. About how many hours of daylight do you have during the summer solstice? During the winter solstice?
