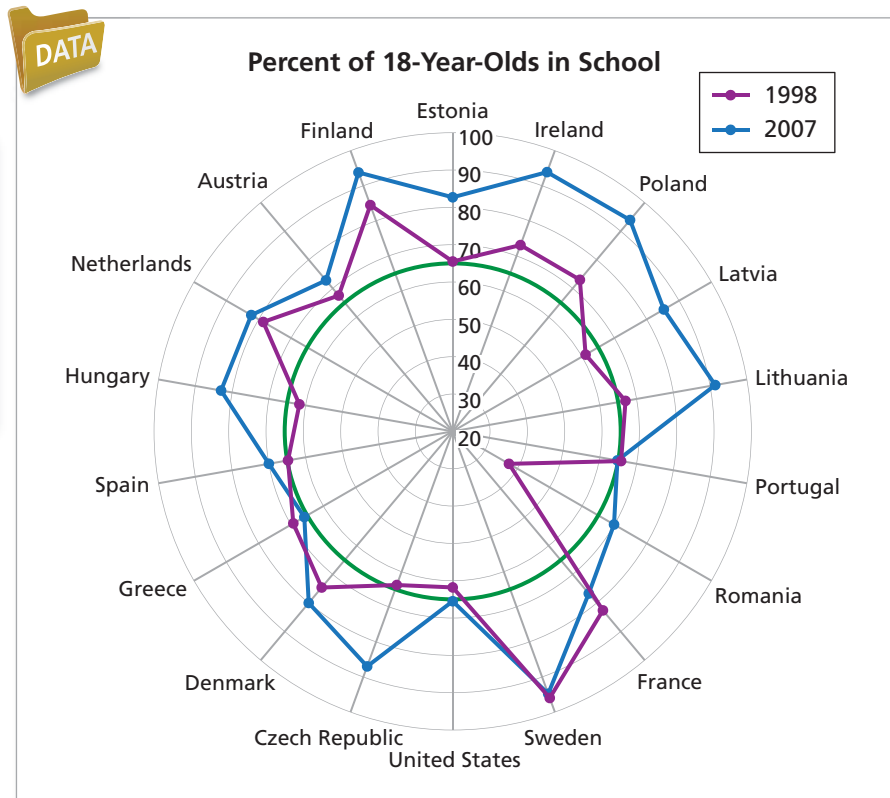## Radar Graphs and Area Graphs

EXAMPLE 3   **Reading a Radar Graph**

Describe the information presented in the *radar graph*.

During the 1989 revolution against Communist dictator Nicolae Ceausescu, a fire destroyed about 500,000 books in Bucharest's Central University Library. After the fall of communism, Romania moved into a period of economic reform. The library was repaired and reopened in 2001. Romania joined the European Union in 2007.

SOLUTION

Here are some observations.

- The percent increased in all countries (the **blue graph** is farther away from the center than the **purple graph**) except for France, Greece, Portugal, and Sweden.

- In France and Greece, the percent decreased.

- In Portugal and Sweden, the percent stayed about the same.

- By drawing a **circle** at 65%, you can see that in 2007, the United States, Portugal, and Greece had the least percent of 18-year-olds in school.

- The country that made the greatest increase from 1998 to 2007 was Romania. You might assume that Romania had a great cultural change during these 10 years.

✓ **Checkpoint**   Help at *Math*.and**Y⊕U**.com

What other observations can you make about the radar graph?