1. True/False

Mark each as true or false.

1. \_\_\_\_\_\_\_\_\_\_\_ Coal is the most common source of energy for electricity generation.

2. \_\_\_\_\_\_\_\_\_\_\_ Solar cells are a nonrenewable source of energy.

3. \_\_\_\_\_\_\_\_\_\_\_ The efficiency of transforming energy sources into electricity is almost 100%.

4. \_\_\_\_\_\_\_\_\_\_\_ Burning any kind of fuel harms the environment.

5. \_\_\_\_\_\_\_\_\_\_\_ Every energy source for electricity has advantages and disadvantages.

6. \_\_\_\_\_\_\_\_\_\_\_ All types of electricity generation can be used anywhere in the United States.

7. **Open-ended.** **Look at the information below about the top four electricity-producing countries in the world. (Write answers to both a. and b. below the graph.)**
**a. What trends do you see in electricity generation of the major producers?**

**b. France generates its 530 billion kilowatt hours (kWh) of electricity by using 10% fossil fuels, 11% hydroelectric, 78% nuclear power, and less than 1% geothermal, wind, and biomass. How is France’s energy generation similar to or different from the trends you identified in Analysis Question 4a?**

