Learn the Basics: High School Quiz

1. What is energy efficiency?

A. Using as little electricity as you possibly can

B. Using less energy to do the same (or more) work

C. Doing less work to save electricity

D. Giving up modern comforts & conveniences

2. Which type of light bulb is the most efficient and lasts the longest?

A. Compact Fluorescent Light Bulb (CFL)

B. Incandescent Light Bulb

C. Light Emitting Diode Light Bulb (LED)

D. Radiant Light Bulb

3. About how much money do U.S. schools spend on energy per year?

A. $6 million

B. $80 million

C. $2 billion

D. $6 billion

4. Burning fossil fuels \_\_\_\_\_\_\_\_\_\_\_\_\_.

A. creates smog and acid rain

B. contributes to global warming

C. is a major cause of asthma

D. All of the above

5. Which of the following is NOT a renewable resource for electricity?

A. Geothermal

B. Wind

C. Natural Gas

D. Hydroelectric

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6. What are the largest sources of electricity in the United States?

A. Solar & wind

B. Nuclear & hydroelectric

C. Geothermal & biomass

D. Coal & natural gas

7. What determines how much carbon dioxide is released for each kWh you use?

A. Your carbon footprint

B. The weather in your area

C. Your fuel mix

D. The time of year

8. Power is to energy as \_\_\_\_\_\_\_\_ is to \_\_\_\_\_\_\_\_\_\_\_.

A. gas, mileage

B. speed, distance

C. hours, rate

D. electricity, energy

9. What is the unit of electricity that the electrical company uses to bill customers (like you and your family)?

A. Gallons

B. Volts

C. Kilowatt hours

D. Amps

10. The United States produces \_\_\_\_\_\_\_ carbon dioxide per person than most of the world.

A. a little less

B. a lot less

C. a little more

D. a lot more