

AES ENERGY QUIZ – During Energy Conservation Week, try your hand at some energy knowledge. Answers can be found in the second PDF attachment that was posted along with this quiz. GOOD LUCK! ☺

1. Which uses the most energy in American homes each year?

- A. Lights
- B. Heating water
- C. Heating and cooling rooms
- D. Refrigerators

2. The U.S. consumes lots of energy. Which fuel provides the most energy?

- A. Petroleum
- B. Coal
- C. Natural gas
- D. Solar

3. Coal, petroleum, and natural gas are fossil fuels. They are called fossil fuels because:

- A. They are burned in an old-fashioned way.
- B. They were formed from the buried remains of plants and tiny animals that lived hundred of millions of years ago.
- C. They are nonrenewable and will run out.
- D. They are mixed with fossils to provide energy.

4. Solar, biomass, geothermal, wind, and hydropower energy are all renewable sources of energy. They are called renewable because they

- A. Are clean and free to use.
- B. Can be converted directly into heat and electricity.
- C. Can be replenished by nature in a short period of time.
- D. Do not produce air pollution.

5. Which renewable energy source provides the U.S. with the most energy?

- A. Wind
- B. Solar
- C. Geothermal
- D. Hydropower

6. Though the US has only four percent of the world's population, what percentage of the world's energy does it consume?

- A. 5%
- B. 15%
- C. 20%
- D. 25%

7. Scientists say the fastest and most cost-effective way to address our energy needs it to...?

- A. Develop all possible domestic sources of oil and gas
- B. Build nuclear power plants
- C. Develop more hydroelectric power plants
- D. Promote more energy conservation

(BIG thanks to parent Green Team member Cindy Ryberg for putting our AES Energy Quiz & Poll questions together!) ☺