NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ DATE: \_\_\_\_\_\_\_\_\_\_\_\_\_ CLASS: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

**HOME ENERGY AUDIT: PRE-ASSESSMENT** *Created for the National Renewable Energy Laboratory*

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| **1. The energy in fossil fuels such as coal is stored as.....**a. chemical energyb. electrical energyc. thermal energyd. nuclear energy  | **6. Compared to incandescent light bulbs, fluorescent bulbs...**a. use more energyb. use less energyc. use the same amount of energyd. make people want more power  |
| **2. What energy source provides the nation with the most energy?**a. coalb. natural gasc. petroleumd.electricity  | **7. Which sector of the economy consumes the most energy?**a. transportationb. commercialc. industriald. residential  |
| **3. Which residential task uses the most energy?**a. lightingb. heating waterc. heating and cooling roomsd. refrigerators  | **8. Electricity usage is measured in......**a. amperesb. voltsc. kilowatt-hoursd. current  |
| **4. Most energy conversions produce.....**a. lightb. heatc. motiond. sound  | **9. A kilowatt is equal to......**a. 10wattsb. 50 wattsc. 75 wattsd. 1000 watts  |
| **5. The major use of coal in the United States is to....**a. fuel trainsb. heat homes and buildingsc. make chemicalsd. generate electricity  | **10. The average cost of a kilowatt-hour of electricity in our region......**a. 1-10 centsb. 10-25 centsc. 25-99 centsd.1-5 dollars  |