

Student Name: _____ Date: _____

Energy Conservation vs. Energy Efficiency: What's the Difference?

Define the following terms using your own words without looking anything up.

Energy conservation: _____

Energy efficiency: _____

Read each statement below. Place the letters **EC** in the line if you think the statement represents energy conservation. Place an **EE** in the line if you think the statement represents energy efficiency. Write both if you think the statement refers to both energy conservation and energy efficiency.

- _____ 1. Not driving to the video store so you can save gas
- _____ 2. Combining errands to save gas
- _____ 3. Wearing a sweater and using extra blankets in winter
- _____ 4. Using a programmable thermostat to change the temperature at the house when no one is home
- _____ 5. Using advanced technologies to provide better quality energy services with less energy
- _____ 6. Using resources wisely
- _____ 7. Eliminating energy waste
- _____ 8. Using technology to reduce energy use
- _____ 9. Turning off the lights by hand when you leave the room
- _____ 10. Turning off the lights in the classroom by motion sensor
- _____ 11. Turning off the computer on Friday before going home for the weekend
- _____ 12. Turning the lights off on a vending machine without turning the vending machine off
- _____ 13. Turning off the TV when you are not watching it
- _____ 14. Driving a hybrid car

Now read over the statements you thought meant energy conservation. Reread your definition of energy conservation. Do you need to modify your definition? Do the same for statements you thought meant energy efficiency. Rewrite your definitions below.

Energy conservation: _____

Energy efficiency: _____

