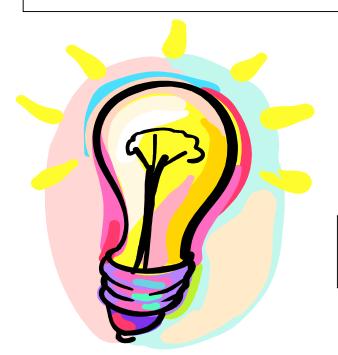
Name:

A Bright Idea: Energy Conservation

Some energy is converted into	
energy. After a while this makes the light bulb	_



	energy is transmitted through the wire. Part of the
energy is changed into	energy.

Only about _____ of the energy is converted into _____ energy.

Remember: The overall amount of energy in a closed system always remains the same. As in the light bulb example, energy can change from one form to another form. All the different forms of energy in a system always add up to the same total amount of energy. It does not matter how many energy conversions occur.

Skateboard Scenario		
You are in Lewisville, North Carolina at the new skateboard park. As your left foot stays on the skateboard, you push your right foot off the payment. Next you quickly jump on the skateboard and pick up speed going down the half-pipe. As you are moving on your skateboard, you are the source of the kinetic energy. When you reach the top of the half-pipe, your potential energy is at a maximum. How did you get so high up? What happens to the energy when you begin to speed down the bottom of the half-pipe? How does this relate to energy conversion?		

Name: _____

Energy Job Information Sheet

Career Title:
Daily duties of this career:
Education/Training needed to perform your job:
Special experience needed:
Employment outlook for the next ten years:
Salary for your work:
Previous interests that lead you to your career:
List three ways you use energy. What could you do to conserve electricity?