

Name _____



Simplify The Science

Directions: Read the technical paragraph below. Then, rewrite it in your own words so that it sounds simple and easy to understand, but still keeps the correct scientific meaning. Be sure not to leave out any important ideas.

When electrical energy passes through a filament inside a light bulb, the resistance in the filament causes it to heat up and emit visible light. This process converts electrical energy into both thermal and radiant energy. However, because much of the energy is lost as heat, light bulbs with filaments are less energy-efficient than modern LED bulbs, which use semiconductors to produce light through electroluminescence rather than heat.

Rewrite the paragraph in simpler terms:
