Energy Conversions Worksheet

Energy changes from one kind to another. We never lose any energy. When we use our muscles, the chemical energy is then converted into mechanical energy. We say it is converted. For example, our bodies turn food into chemical energy. We use our muscles and so chemical energy is turned into mechanical energy.

This characteristic of energy is stated in a law called the Law of Conservation of Energy. It states that energy cannot be created or destroyed, but can be changed from one form to another.

Look at the pictures and their descriptions below. Identify the energies involved in each conversion. The first example has been done for you.

Action	Energy Started With	Energy Transformed (may be more than 1)
Blow drying 	Electrical	Sound, Thermal, Mechanical
Car moving 		
Lamp 		
Bell Ringing 		
Nuclear Power Plant 		