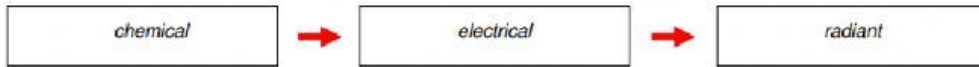


Energy Transformations

Describe the energy transformation that is occurring in each sentence. Underline the key word or phrase that indicates the energy changing into a different form. Then, fill in the boxes to complete the transformation using one of the main forms of energy – chemical, gravitational, elastic, nuclear, mechanical, electrical, sound, thermal, or radiant. The first one has been completed for you.

1. A battery is placed in a flashlight, which completes a circuit, then produces light when turned to the on position.



2. A rotating turbine generates electricity to power a blow-dryer.



3. Lion on a cliff's edge pounces onto a deer below and consumes it.



4. Electricity flows to microwave as it reheats your food.



5. A person standing on the edge of a diving board pushes down to bend the board, then bounces up.



6. A battery powers a phone that chimes when turned on.



7. Atoms fuse in the Sun to produce sunlight that is absorbed by plants.



8. Coal, a fossil fuel, is burned to generate electricity.



9. A rubber bike horn is squeezed, which compresses it, and produces a honking noise.



10. A match is struck against the box and produces light.



11. A glass sitting on the edge of the counter falls and makes a loud shattering noise.



12. Propane, a fuel, is burned which causes a hot air balloon to lift off the ground.

