Physical Science: Fill-In-The-Blank: Energy Transformations 2

Name: _____ **Date:** ___/___ **Period:** ____ **Grade:** _____

In each question, determine the energy transformations
(Thermal, chemical, electrical, mechanical, sound, radiant, gravitational, kinetic)

1. A steam locomotive where coal burns to make steam which drives the locomotive down the track.

   _____ → _____ → _____

2. The sun shines on a solar panel which drives a motor to strike a match.

   _____ → _____ → _____ → _____&_____

3. A wind turbine with storage batteries which provide electricity to a home.

   _____ → _____ → _____ → _____

4. The telephone rings and you pick it up to hear someone and then you speak back to them.

   _____ → _____ → _____ → _____

5. You strike a match and it lights.

   _____ → _____ → _____

6. A rock falls from a cliff.

   _____ → _____ → _____

7. The human body takes food in and produces energy in 2 to 3 forms:

   _____ → _____ → _____

8. A car is driving along and suddenly slams the brakes on and crashes into a metal pole.

   _____ → _____ → _____ → _____

9. Burning wood in a fireplace.

   _____ → _____ → _____

LIVEWORKSHEETS