

Name: _____

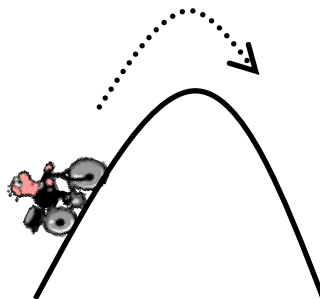
Section: _____

Energy Conversions - Six Forms

Directions: Consider the six forms of energy discussed in class (mechanical, sound, chemical, heat, electromagnetic, and nuclear) and describe all of the energy conversions taking place in the scenarios or visuals below.

1. The remote control for the TV is no longer working, so Tina replaces the batteries. Tina then pushes the necessary buttons to bring her to the station that airs her favorite show. *Beginning with the batteries, list and explain the energy conversions taking place as she uses the remote control.*

2.



3. Nick pulls into a gas station and fills up his tank with gasoline. He then starts the car, turns on his headlights, and drives away. *Beginning with the gasoline, list and explain the energy conversions taking place as he drives away.*

4.



5. Jessica recently learned that s'mores can be easily made in the microwave. She proceeds to put the graham cracker, marshmallow, and chocolate concoction into the microwave for 15 seconds. *Beginning with Jessica hitting the start button, list and explain the energy conversions taking place.*
6. Create your own scenario or visual. In order, list and explain all of the energy conversions taking place.