

Name \_\_\_\_\_ period \_\_\_\_\_

## 6<sup>th</sup> Grade Do Now

6.9(C) demonstrate energy transformations such as energy in a flashlight battery changes from chemical energy to electrical energy to light energy

Monday Date \_\_\_\_\_

Which of the following is NOT considered a form of energy?

- A. Electrical
- B. Light
- C. Chemical
- D. Vaporization

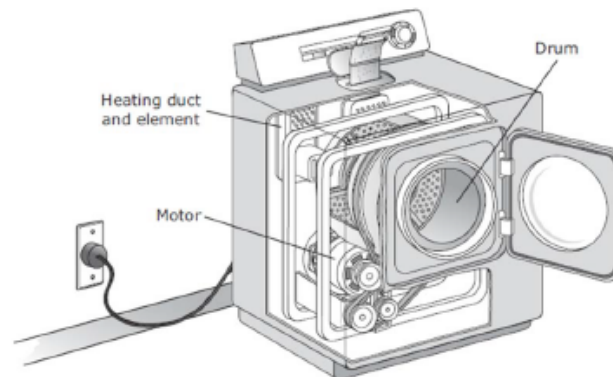
Tuesday Date \_\_\_\_\_

A cook heats a meal in a microwave oven. What energy transformations occur between the microwave oven and the meal?

- A. Electrical energy  $\longrightarrow$  light energy  $\longrightarrow$  chemical energy
- B. Chemical energy  $\longrightarrow$  thermal energy  $\longrightarrow$  light energy
- C. Electrical energy  $\longrightarrow$  electromagnetic energy  $\longrightarrow$  thermal energy
- D. Chemical energy  $\longrightarrow$  electromagnetic energy  $\longrightarrow$  chemical energy

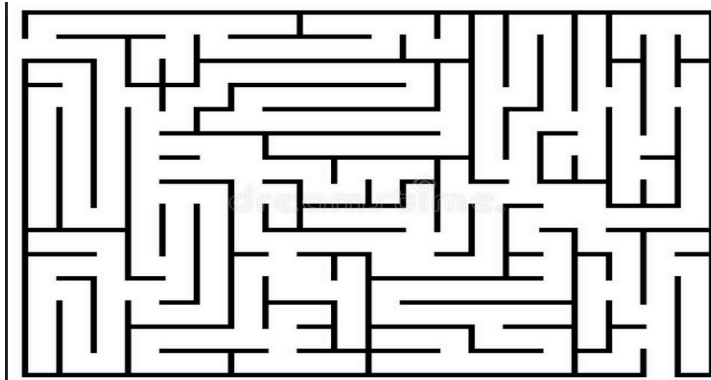
Wednesday Date \_\_\_\_\_

The main parts of a working clothes dryer are shown in the diagram.



This appliance dries clothes primarily by converting -

- A. Electrical energy to heat and mechanical energy
- B. Mechanical energy to heat and electrical energy
- C. Electrical energy to heat and light
- D. Mechanical energy to heat and vaporization



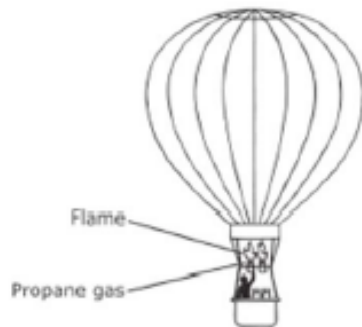
Thursday Date \_\_\_\_\_

When a lion eats a zebra and then uses the energy to run, the lion's body converts -

- A. Chemical energy to mechanical energy
- B. Electrical energy to chemical energy
- C. Chemical energy to light energy
- D. Mechanical energy to chemical energy

Friday Date \_\_\_\_\_

The diagram below shows a hot air balloon rising. Propane gas tanks are seen at the bottom of the balloon.



What energy transformations occur when propane gas is used to lift the balloon?

- A. Mechanical → light → chemical
- B. Chemical → mechanical → thermal
- C. Thermal → chemical → light
- D. Chemical → thermal → mechanical

### LEGO SEARCH AND FIND

WRITE THE NUMBER OF EACH ITEM BELOW THE PICTURE IN THE BOX BELOW.

