

Worksheet: Energy Transformations

What does the Law of the Conservation of Energy state? [2]

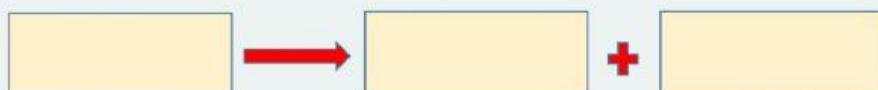
What is meant by the term “energy transformation”? [1]

Which form of energy is often “lost” from the useful energy when an energy transformation takes place? [1]

For each image shown below, complete the energy transformation, by typing the correct form of energy into each box space. (You must type the word *energy* behind each form of energy. Eg. *Kinetic energy* NOT *kinetic*.)



A burning candle





_____ → _____ + _____ + _____

A television



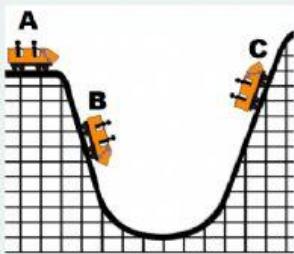
_____ → _____

A pot on the stove

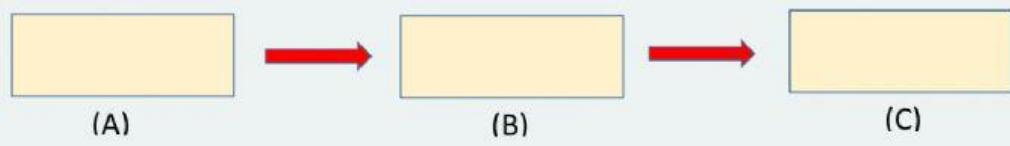


_____ → _____

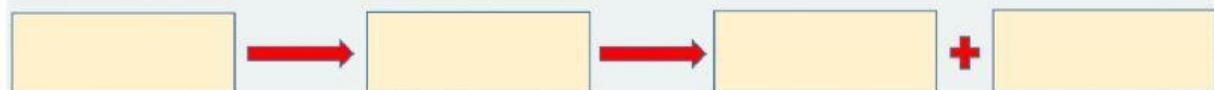
A solar panel



A roller coaster car



A flashlight



A moving car





A hand mixer



A waterfall