ENERGY AND MOTION

Name: **Grade:**

Answer the following

1. Which of the following statements about Energy are True?

a. Energy is not necessary to move or change something.

b. Energy cannot be made or destroyed.

c. Energy cannot be transformed and transferred.

d. Energy is the ability to do work.

2. Choose the type of Energy of the picture

a. Kinetic energy

b. Chemical energy

c. Electrical energy

d. Potential energy

a. Thermal energy

b. Kinetic energy

c. Potential energy

d. Light energy

3. Martin has two balls playing in the garden. He was watching the balls when they (the two balls) come in contact with each other. What happened with the balls?

a. The balls collide

b. The balls strikes

c. The balls compressed

d. The balls get destroyed.

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4. What happened when two objects collide?

a. There is not a transformation of energy.

b. There is a travel in a particular amount of time.

c. There are charged particles moving.

d. There is a transfer of energy.

5. Drag the types of energy

Light energy

Sound energy

Thermal energy

6. Label the types of energy

Sound **Light** **Thermal**

_____ energy is produced by the vibrations of the particles.

_____ energy is the one you can see.

_____ energy is the energy that an object has because the movement of its particles.

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7. Classify into Conductor or Insulator

Conductor	Insulator

silver

steel

sea water

rubber

dry wood

glass

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