Item #: _____ Energy LS 1 Review Sheet Name: _____

1. Describe the purpose of Rube Goldberg machines.

2. Give two examples of energy being transformed. Give two examples of energy NOT being transformed.

3. Describe what happens when light gets further away from a radiometer.

4. Describe what happens when the light source gets closer to the radiometer.

5. Describe Kinetic Energy

6. List all the substances that light can travel through:

7. Burning wood is an example of what energy?

8. Describe sound waves.

9. Describe the energy present when you feel something warm.

10. Describe heat in terms of what is happening to the particles and give an illustration.
    If it heats up, how to the particles respond?

    If it's colder, how do the particles respond?