**Worksheet 1** Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**The Feynman Energy Lecture** Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Period\_\_\_\_\_\_\_\_

In the Richard Feynman lecture on energy, he uses an analogy to explain the concept of energy and its conservation. For each of the items below, describe or explain what energy idea is represented by the term or phrase.

* 1. The house represents:
  2. The blocks represent:
  3. The total 28 blocks represent:
  4. The blocks that were thrown out the window represent:
  5. The blocks that the neighbor, Bruce, brought into the house represent:
  6. The block that was under the rug represents:
  7. The blocks in the toy box represent:
  8. The blocks that were in the dirty bath water represent:
  9. The mother represents:

Based on this lecture, what do you think it means to say that “energy is conserved?”