

Chapter 13.1 Review

1. A bowling ball rolling down the alley has what kind of energy?
2. A rubber band that has been stretched into shooting position has what kind of energy?
3. A falling baseball has what kind of energy?
4. Describe how the potential and kinetic energy of a falling baseball is changing.
5. Explain how two objects resting on the same shelf can have different amounts of potential energy.
6. In what part of a molecule is chemical energy stored?
7. Give two examples of radiant energy.
8. Give two examples of items that store chemical energy.
9. What kind of energy is produced by reactions in the atomic nucleus?
10. List all the types of energy involved when wood is burned in a campfire.
11. List all the types of energy involved when a light bulb is turned on.
12. Can chemical energy be released from water molecules? _____ What kind of energy does water above a dam have?