Name Period Date

**Kinetic and Potential Energy OBQ**

1. The ability to do work or cause change is called

2. What is power?

3. What are the two general kinds of energy?

4. What is kinetic energy?

5. The kinetic energy of an object depends on both its and its

6. Kinetic energy increases as velocity

7. What is potential energy?

8. What is the potential energy called that is associated with objects that can be stretched or compressed?

9. What is potential energy called that depends on height?

10. Is the following sentence true or false? The greater the height of an object, the greater its gravitational potential energy.

11. List 6 different forms of energy (not including kinetic and potential energy).

12. What two forms of energy are associated with mechanical energy?

13. The law of conservation of energy says

14. A change from one form of energy to another is called a(n)

15. Is the following sentence true or false? Most forms of energy can be transformed into other forms.

16. As an orange falls from its greatest height, what kind of energy increases and what kind of energy decreases?

17. Friction transforms mechanical energy to