**Kinetic and Potential Post-Quiz Answer Key**

1. **If I double the mass of a moving object, what happens to the object’s energy?**

**Its energy doubles.**

1. **If I double the velocity of a moving object, what happens to the object’s energy?**

**The energy increases as a factor of 4 (22).**

1. **Match the type of potential energy to the illustration:**

|  |
| --- |
| **chemical energy**    **elastic energy**    **gravitational energy**  File:Eating a Georgia peach.jpg  **thermal energy** |