**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:**

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