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| **PH 201 Pre-Lab 09** | **Conservation of Energy** | **Name** |  |

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| In this week’s lab we are going to examine conservation of energy.  |
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| 1. Define briefly kinetic energy. |
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| 2. What is the usual equation for kinetic energy? |
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| 3. Define briefly gravitational potential energy. |
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| 4. What is the usual equation for gravitational potential energy? |
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| 5. Define briefly conservative force. |
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| 6. What is mechanical energy? |
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| 7. When is mechanical energy conserved? |
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| 8. What is the mathematical expression of mechanical energy? |
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