

## Energy Quiz: Thursday, November 2, 2017

Approximately 25 points

### Potential vs. Kinetic Energy:

- Definitions/examples
- Identify energy transfers on a roller coaster diagram
  - Where is potential energy the most/least?
  - Where is kinetic energy the most/least?

### 5 Types of Potential Energy:

- Gravitational, elastic, chemical, magnetic, and electrical
- Know definitions and examples for each
  - **\*STUDY THE CHART YOU MADE IN CLASS!**

### Other Information:

- What is the relationship between height and gravitational potential energy?
- What is the relationship between mass and gravitational potential energy?
- What is the relationship between distance and magnetic or electrical potential energy?
- What two factors affect how much kinetic energy an object has?