1. Max Kenetic and Potential energy when looking at a ball on a string.



1. In order to determine the object with the most potential energy you must look at which object below:



1. The average kinetic energy can be measured by calculating the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
2. Know the following vocabulary terms: conduction, convection, radiation, insulator, conductor.
3. The specific heat equation is energy = mass times specific heat times temperature change. Review the warm up we had on specific heat calculations.



1. **A car burns fuel to power your vehicle which uses a battery. Which of the following types of energy is used by the car. (C)**
	* 1. Chemical, mechanical, electrical
		2. Electrical, chemical, mechanical
		3. Mechanical, chemical, electrical
		4. Mechanical, electrical, chemical
2. **The human body uses which type of energy to break down food particles.**
	1. Heat energy.
	2. Nuclear energy.
	3. Chemical energy.
	4. Mechanical energy.
3. Refer to warm up examples in order to practice specific heat equations and calculate kinetic energy.