Student Name: Period:

Table I. Show Your Math!

Soda Cans	Plastic Bottles
How many soda cans does your family use in a week?	How many plastic bottles does your family use in a week?
How many soda cans do all of our class families use in a week?	How many plastic bottles do all of our class families use in a week?
How many soda cans could our class families recycle in a year?	How many plastic bottles could our class families recycle in a year?
Newspapers	**Glass Bottles**
How many newspapers does your family use in a week?	How many glass bottles does your family use in a week?
How many newspapers do all of our class families use in a week?	How many glass bottles do all of our class families use in a week?
How much does a pile of 10 newspapers weigh?	How many glass bottles could our class families recycle in a year?

Table II

Soda Cans	Plastic Bottles
A soda can is about 6 inches high. If we lined up all the cans our class and their families use in a year, how many feet would that line go? Start on a map; Where could that line go? The energy used to make one can is about the same as what is needed to make an average car go a mile. How many miles could you go on the energy of the cans recycled by the class? Where could you go? (Use a map.)	The energy used to make 10 plastic bottles is about what you'd need to drive a small car a mile. Start at your school. Use a map, to estimate how far you could go in a car, using the energy from all the bottles that could be recycled by your whole class in a year. How many plastic bottles do all of our class families use in a week? How many plastic bottles could our class families recycle in a year?
Newspapers	**Glass Bottles**
About 100 newspapers can save two trees. How many trees could your class save if all of their family's papers were recycled? If there are approximately 500 trees to each acre of land in a forest, how many acres of forest could all the families in your entire school save? How many schoolyards would this be equivalent to? (Need to know the size of your schoolyard)	By recycling two big glass bottles, you can save enough energy to run a 50 watt bulb for 10 hours. How many hours of light would there be from the energy saved from the bottles all the families in your class use in a week if you recycled all of them? The energy saved from recycling 5 glass bottles can power 1 school computer for an hour. How many hours could a school computer be powered for if it could run on the energy saved by the class and their families if they recycled all the glass bottles used in a week?