

Which of the following will reduce greenhouse gases the most?

- a. Driving 15 fewer miles a week
- b. Recycling half the aluminum, glass, and plastic that you use
- c. Using your air conditioner and heater less by adjusting both by 3 degrees
- d. Watching 1 hour less television per week

Answer: b (according to the Los Angeles Times)

According to EPA's Annual Fuel Economy Report, cars from which automaker get the best mileage?

- a. Honda
- b. Toyota
- c. Volkswagen
- d. Kia

Answer: A (as of July 2006)

Which of the following constitutes the highest percentage of household waste by weight?

- a. Paper
- b. Plastic
- c. Food scraps
- d. Electronic waste

Answer: a

Of course, paper is recyclable. Sort your paper from other trash and take advantage of the local recycling opportunities available to you. Here's a great website to locate recyclers: <http://www.earth911.org>

According to the EPA, the per capita amount of trash generated in the US changed by how much between 1960 and 2003?

- a. Decreased by 14%
- b. Increased by 39%
- c. Increased by 67%

Answer: c (as reported in the July 6, 2006 Los Angeles Times)

According to the Washington State Department of Ecology, what percentage of a tree harvested for paper does not end up as a paper product?

- a. 25%
- b. 50%
- c. 75%
- d. 90%

Answer: c

The energy in lightening heats air to what temperature?

- a. 50,000 degrees F
- b. 5,000 degrees F
- c. 1,500 degrees F
- d. 750 degrees F

According to NOAA, the answer is a.

To save energy by reducing heat gain in the summer, you should close window shades, blinds, and curtains on which sides of your home and office?

- a. South and West
- b. North and East
- c. North and South
- d. East and West

Answer: a

Of the following, which are clouds formed at the highest altitude?

- a. altostratus
- b. altostratus
- c. cirrocumulus
- d. nimbostratus

Answer: C. For more questions and answers from the National Science Bowl, see <http://www.scied.science.doe.gov/nsb/samplqs.htm>