



Sustainability Trivia Questions

- 1a. On average, how many aluminum soda cans are used in the United States each year?
(answer: We use over 80,000,000,000 aluminum soda cans every year, which are recyclable, can be made into a variety of aluminum products.)
- 90 million
 - 80 billion
 - 120 million
 - 3 billion
- 2a. What percentage of every dollar is spent on packaging materials? (answer: 10%)
- 3a. How many miles of bike lanes exist in Indianapolis? (answer: 74 miles)
- 4a. How much energy does recycling just one aluminum can save? (answer: D: Recycling one aluminum can saves enough energy to run a TV for three hours, this is the equivalent of a half a gallon of gasoline.)
- Enough to power a microwave for 30 minutes
 - Enough to power the average American home for 4 days
 - Enough to power a computer for 15 minutes
 - Enough to power a TV for 3 hours
- 5a. Indianapolis has the second largest steam loop in the U.S. for heating and cooling buildings – what city has the largest one? (answer: NYC)
- 6a. On average, a typical glass bottle would take how many years to decompose? (answer: C – It will take the typical glass bottle 4000 years or more to decompose, even longer if it's in a landfill)
- 20 years
 - 150 years
 - 4000 years
 - It will never break down
- 7a. The IPCC is an international body, under the auspices of the United Nations, that provides the world with objective, scientific view of climate change and its political and economic impacts. What does IPCC stand for? (answer: Intergovernmental Panel on Climate Change)
- 8a. This is the name for the electricity that any device consumes when turned off but still plugged into an outlet. (answer: phantom load)



9a. Recycling plastic saves how many times more energy compared to burning it in an incinerator. (answer: A; Americans use 25 million plastic bottles every hour! Most of them are thrown away!)

- a. 2 times
- b. 0.5 times
- c. 3 times
- d. None, it takes more energy to recycle

10a. The Indianapolis Motor Speedway's Solar Farm, which consists of 68 acres, helps provide energy to how many Central Indiana homes: (answer: c, 2,700).

- a. 700
- b. 1,700
- c. 2,700
- d. 5,700

Round Two

1b. How much does the average American consume in paper, wood, and other products made from trees each year? (Answer: C - The average American uses seven trees a year in paper, wood, and other products made from trees. Throughout the United States this amounts to about 2 billion trees per year!)

- a. 1 tree
- b. 5 trees
- c. 7 trees
- d. 15 trees

2b. How many times can an aluminum can be recycled? (answer: unlimited number of times)

3b. Which U.S. airport has the largest solar installation in the country? (Answer: Indianapolis)

4b. The US Department of Energy (DOE) recommends turning off the monitor and placing the computer on sleep mode if you are not going to use it for more than _____. (answer: D)

- a. 2 hours
- b. 6 hours
- c. 45 minutes
- d. 20 minutes



5b. Compact Florescent Lighting -CFLs- use _____ of the energy needed for incandescent bulbs. (Answer: A, CFLs use only one-fourth the energy and last up to 10 times longer than incandescent lighting!)

- a. 25%
- b. 50%
- c. 75%
- d. 100%

6b. Indianapolis is the second largest populated state capital. What state capital is the most populated (answer: Phoenix, Arizona)

7b. How many gallons of motor gasoline does the average American consume in one year? (Answer: B – The average American consumes approximately 500 gallons of gasoline per year.)

- a. 150 gallons
- b. 500 gallons
- c. 310 gallons
- d. 750 gallons

8b. In 1907 plastics were invented. Since that time, 8.3 billion metric tons of virgin (non-recycled) plastic has been produced. What percentage of this plastic has been recycled: (Answer: B)

- a. 5%
- b. 9%
- c. 15%
- d. 22%

9b. A large concentration of plastic between California and Hawaii is roughly the size of which U.S. State (answer: Texas)

10b. Scientists predict that if nothing changes in our plastic consumption habits, by this year there will be more plastic in the oceans than there are fish (by weight)? (Answer: 2050).