

# Recycling By the Numbers

## Part 1.

How much do you know about the amount of trash people create? Match the following figures with the facts shown below.

**Figures**

1. 4.48 lbs.
2. 39.8%
3. 1.23 million tons
4. 91.2 million tons
5. 52.5%

**Facts**

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

**Facts\***

- a. Amount of trash generated by one person per day in the U.S.
- b. Weight of total consumer tech devices recycled in 2015.
- c. Amount of common waste, including yard waste, glass, plastic, paper, metals, and tech devices, recycled and composted in the U.S. in 2015.
- d. Percentage of discarded consumer tech devices that were recycled in 2015.
- e. Percentage of U.S. trash that was buried in landfills in 2015.

## Tech Manufacturers Lead the Way!

Improvements in technology now require less materials and prevent more e-waste from entering the waste stream than previously. Mark the boxes below that you think identify green design characteristics.

- 1. Use less hazardous materials to manufacture
- 2. Are painted green
- 3. Designed for longer life
- 4. Comes in recyclable packaging
- 5. Smaller, lighter, and more functional
- 6. Can be repaired and reused multiple times during the life of the product
- 7. Are easy to disassemble
- 8. Require less extraction of natural resources
- 9. Made of magic dust
- 10. Designed to use less energy when in use



## Part 2.

How do your family's recycling numbers add up? Take this sheet home to list 5 products you or another family member plan to throw away. Products might include items from your trash or an old item you no longer use. At least three of the five should be tech products, such as a television, cell phone, etc. You can visit GreenerGadgets.org for ideas. Record the recycling action you might take for that item below.



**Product**

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_

**Reuse/Recycling Action To Be Taken**

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

**Dear Parents,**

Your child is participating in a free educational program from the Consumer Technology Association (CTA)<sup>™</sup> and curriculum specialists Young Minds Inspired (YMI) on keeping the environment healthy through consumer tech recycling. Help your child complete this part of the activity at home, then ask him or her to return the activity sheet to school.

**Take action!** Set a family goal to recycle as many of the products and their packaging listed above as possible! Visit CTA's GreenerGadgets.org, where you can quickly and easily locate a responsible tech device recycling collector near you.

\*source: epa.gov