



## 4 Rs Quiz

1. What is another name we use for garbage?
  - a. junk
  - b. waste
  - c. refuse
  - d. trash
  - e. all of the above
2. How long has garbage been around?
  - a. as long as people have been on earth
  - b. forever
  - c. 100 years
  - d. 1000 years
3. When you throw out your garbage it may first go to a transfer station (like you will visit on your field trip). Materials like garbage that are not recycled are put where?
  - a. the ocean
  - b. outer space
  - c. the landfill
  - d. the desert
4. What type of garbage do we make more than any other?
  - a. paper
  - b. plastic
  - c. glass
  - d. metal
  - e. rubber
5. How much garbage does the average person in the United States make in one day?
  - a. 1 pound
  - b. 2.5 pounds
  - c. 4.5 pounds
  - d. 8 pounds
6. Recycling is the **only** way that we can decrease the amount of waste we make. True False
7. Once we throw away something it disappears after a few years in a landfill. True False
8. Recycling means changing old materials into new products. True False
9. What are some of the common materials that we can recycle?
  - a. glass bottles
  - b. aluminum and steel cans
  - c. paper
  - d. plastic bottles
  - e. all of the above
10. Raw materials taken from the earth to make human-made objects are called:
  - a. natural resources
  - b. natural products
  - c. electricity
  - d. dirt

11. What are the 4Rs that help us make less garbage? Circle the four correct words:
- |         |          |         |        |         |        |
|---------|----------|---------|--------|---------|--------|
| reshape | rescue   | rethink | recess | recycle | return |
| reuse   | remember | rot     | reduce | revise  |        |
12. Composting is a method for recycling \_\_\_\_\_ into a rich, dark soil amendment called compost.
- glass bottles
  - car and truck tires
  - food and yard waste
  - aluminum cans
13. What percentage of our garbage in Alameda County can be composted?
- 24%
  - 5%
  - 54%
14. Recycling newspaper can save which natural resource?
- rocks
  - trees
  - air
  - coal
15. Plastic is made from which natural resource?
- trees
  - metals
  - oil
  - sand
16. The energy saved in recycling one aluminum can will light a 100 Watt light bulb for how long?
- 30 minutes
  - 1 hour
  - 2 hours
  - 4 hours
17. How many trees are saved when one ton of paper is recycled?
- 1 tree
  - 7 trees
  - 17 trees
  - 100 trees
18. In a landfill, how long does it take for an aluminum can to break down?
- 10-30 years
  - 75-100 years
  - 200-500 years
  - 1000-1500 years
19. Today in Alameda County, how much of our municipal solid waste is **not** buried in the landfill?
- 5 %
  - 15 %
  - over 50 %
  - it is all taken to the landfill