



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