

Name _____

Date _____



Is It Recyclable? *Proficiency Assessment*



Directions: The city of Dumptown recently decided to begin recycling to reduce waste. Below are some options that city officials are considering. Study the chart, then answer the questions that follow.

Recycling Program Options for Dumptown

Program and cost	Amount of natural resources kept out of the landfill (tons)						
	Paper and cardboard	Glass	Aluminum	Steel	Plastic	Yard trimmings	Food waste
Yard trimmings pick-up \$20,000						4.95	
Home composting \$12,000						3.96	1.96
Recycling drop-off center \$83,000	3.12	0.56	0.12	0.52	0.80		
Business and school recycling \$1,000	15.6	2.8	0.6	2.6	4		
Home recycling pick-up (standard) \$102,000	12.48	2.24	0.48	2.08			
Home recycling pick-up (deluxe) \$134,000	15.6	2.24	0.48	2.08	3.2		



Is It Recyclable?
Proficiency Assessment
(continued)



- 1) Which recycling program keeps the largest amount of natural resources out of the Dumptown landfill?
 - a) home recycling pick-up (deluxe)
 - b) business recycling
 - c) recycling drop-off center
 - d) home recycling pick-up (standard)

- 2) What can be concluded from the Recycling Program Options for Dumptown?
 - a) Yard trimmings pick-up pollutes more than home composting.
 - b) Dumptown should use all of the options on the chart.
 - c) Business and school recycling reduces the most waste for the money spent.
 - d) A recycling drop-off center is the most expensive option.

Explain _____

3) Dumptown has budgeted \$150,000 to spend on recycling programs. To stay within their budget, Dumptown officials choose the following programs: yard trimmings pick-up, home recycling pick-up (standard), business/school recycling, and home composting. As a concerned citizen of Dumptown, you realize that there is a combination of programs that will provide better waste reduction and still keep within the Dumptown budget. On a separate sheet of paper, write a letter to the city officials which explains your thinking.

Checklist

- I will earn my best score if:*
- My letter explains a combination of recycling programs that provides better waste reduction than those proposed by the city officials.
 - I use the form for a letter with a greeting, a body, and a closing.
 - I use words and numbers that make my meaning clear. I do not use the same words over and over.
 - I try to spell the words correctly.
 - My sentences and proper names begin with a capital letter.
 - My sentences end with a period, an exclamation mark, or a question mark.