

Buying Cereal – Creating Less Garbage Intermediate

Susan is very concerned about her environment. She learned in school that the average American produces over 4 pounds of garbage a day. The garbage she throws away, as well as others, is filling up the landfills, contaminating drinking water and using up natural resources. Susan also learned that she as an individual can do something about it by reducing, recycling and reusing.

Susan is going to buy cereal at the grocery store. She will be considering the type of container the cereal comes in because of her concern for the environment. The community recycling center takes paper, cardboard and paper board, glass, tin and aluminum. This is what she will be considering: is it wasteful packaging? Can it be recycled or reused? Can she find another use for the packaging? Cost?

Criteria:

- Not wasteful packaging**
- Recycled packaging**
- Reusable packaging**
- Cost**

Cereal – Creating Less Garbage
Intermediate
Date & Author Unknown

#1

Boxed Cereal
25 ounces
16 cents per ounce

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#2

Boxed Cereal
Shrink wrapped box
14 ounces
24 cents per ounce

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#3

Variety Pack of Cereal
10 little boxes
30 cents per ounce

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#4

Plastic Bag of Cereal
16 ounces
14 cents per ounce

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Placing: 1-4-2-3

Cuts: 3-2-2

I place this class of packaging 1-4-2-3.

In the top pair I place 1 over 4 because it is recyclable. 1 is also a reusable package for presents or as a storage unit and has little waste. I do grant that 4 is cheaper per ounce, is reusable with not waste, but criticize it for not being recyclable.

In my middle pair, I place 4 over 2 because it has less wasteful packaging and is cheaper per ounce. I do grant that 2 is partly recyclable and reusable, but criticize it for its extra packaging and higher cost.

In my bottom pair I place 2 over 3 because it has less wasteful packaging and is cheaper per ounce.

I place 3 at the bottom of this class because it has wasteful packaging that will contribute to the landfill, little reusable value as the small containers would probably be thrown away rather than used for other purposes and is the highest cost per ounce of all the cereals in this class.

Therefore, I place this class 1-4-2-3.

1234 - 44
1243 - 48
1324 - 42
1342 - 44
1423 - 50
<u>1432 - 48</u>
2134 - 39
2143 - 43
2314 - 32
2341 - 29
2413 - 40
<u>2431 - 33</u>
3124 - 35
3142 - 37
3214 - 30
3241 - 27
3412 - 34
<u>3421 - 29</u>
4123 - 47
4132 - 45
4213 - 42
4231 - 35
4312 - 38
4321 - 33